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## ABSTRACT

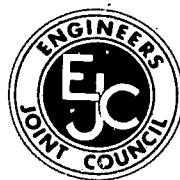
The survey is the fifth in a series covering the salaries of engineering technicians, conducted biennially since 1969. The format for salary presentations is maturity curves in which salary is plotted as a function of years of experience, accompanied by the data tables from which the curves were plotted. The survey covers three groups of personnel under the general category of engineering technicians: (1) graduates of two-year college-level programs leading to an associate degree in technology, (2) non-graduates qualified to perform the same kind of work on the basis of equivalent education and experiences, and (3) graduates of four-year bachelor of technology programs. The first two groups are distinguished between in some of the data tables. Bachelor of technology graduates are called "technologists" and are reported separately. The survey does not attempt to establish salary standards for any industry or employee group; the curves simply show what various sectors of employment were paying as of August 1975. A three-part questionnaire was used (facsimile appended) on which respondents indicated the number of individuals in appropriate boxes of a salary-versus-experience matrix, and the report is based on returns submitted by 630 different establishments employing 61,537 technicians. (Author/AJ)

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# SALARIES OF ENGINEERING TECHNICIANS AND TECHNOLOGISTS

1975

## DETAILED INDUSTRY REPORT



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Richard C. Fremon.....	Chairman, Surveys Committee
John D. Alden.....	Executive Secretary
Adrienne Marshal.....	Survey Assistant

## ACKNOWLEDGMENTS

This study was conducted by Adrienne Marshal and other members of the Engineering Manpower Commission staff under the direction of John D. Alden. The text of this report was typed by Jerry Dooley.

The computer program used for developing the salary curves was originally written by Richard C. Fremon of Bell Telephone Laboratories, who is chairman of the EMC Surveys Committee. Mr. Fremon also contributed general guidance and consultation at all stages of the survey.

We are particularly grateful to the salary administrators of the organizations listed in the Appendix, who provided the source data on which these curves are based. Without their cooperation we would be unable to conduct our biennial salary surveys.

## NOTE TO EMPLOYERS AND SALARY ADMINISTRATORS

The Engineering Manpower Commission is always interested in improving its survey coverage. If your company would like to participate in future surveys, please write to the Engineering Manpower Commission, 345 East 47th Street, New York, New York, 10017 and ask to be put on our surveys list. We welcome your comments and suggestions for improving our survey and salary reports.

John D. Alden  
Executive Secretary  
Engineering Manpower Commission

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## SALARIES OF ENGINEERING TECHNICIANS AND TECHNOLOGISTS

### INTRODUCTION

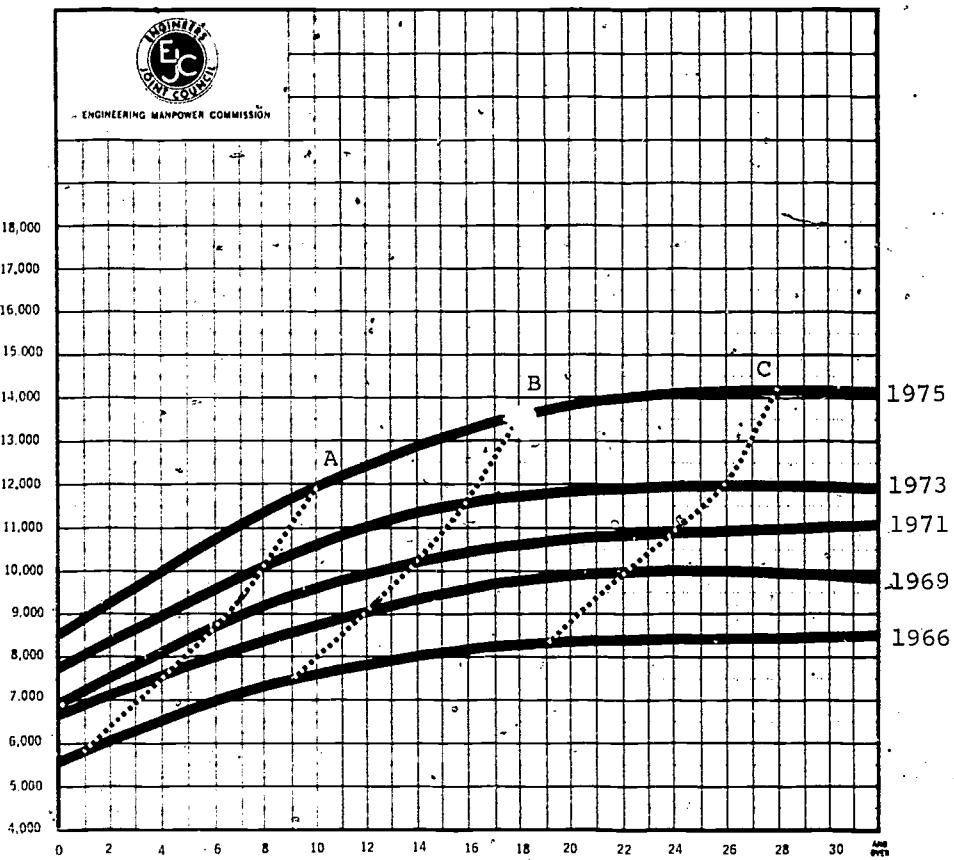
This survey is the fifth in a series covering the salaries of engineering technicians. The first survey was conducted on an experimental basis in 1966 as a result of widespread interest in the way engineering technicians were being utilized in industry and other areas of employment. Because the Engineering Manpower Commission had previously established a pattern of surveying engineers' salaries biennially on the even-numbered years, it was decided to conduct the technicians' salary survey regularly in the intervening years. This necessitated a three-year interval between the 1966 and 1969 surveys. Since then technicians' salaries have been surveyed every two years.

The basic format for our salary presentations is maturity curves in which salary is plotted as a function of years of experience. The survey covers three groups of personnel under the general category of engineering technicians--graduates of two-year college level programs leading to an associate degree in technology, non-graduates qualified to perform the same kind of work on the basis of equivalent education and experience, and graduates of four-year bachelor of technology programs. In order to distinguish between these groups in the data tables, the term "technician" is used for the two-year graduates and their non-graduate counterparts, and the heading "All Technicians" refers to these two groups combined. Bachelor of technology graduates are called "technologists" and are not included in the "All Technicians" curves and data tables, but are reported separately in all cases. In the case of technical school graduates, experience is measured preferably as years since graduation with either the two-year associate degree or the four-year bachelor of technology degree, as appropriate. Non-graduates and some graduates have to be reported on the basis of age, as we have found that this is often the only variable for which data are readily available. Ideally, years of working experience would be preferable, but many employers have indicated their inability to report years of experience obtained by their technicians in previous jobs, or to determine accurately whether prior experience should or should not be counted toward employment as a technician. In order to compare experience as measured by age with that measured by years

FIGURE 1

Median Salaries of Associate Degree and Non-Graduate  
Engineering Technicians  
1966-1975

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*



	Years Since Graduation							Consumer Price Index
	0	4	8	10	16	22	28	
Median (\$) 1975	8500	9950	11300	11900	13300	14000	14150	160.3*
% Increase 1973-75	10.4	11.8	12.4	13.3	15.2	17.2	17.9	20.4
Median (\$) 1973	7700	8900	10050	10500	11550	11950	12000	133.1
% Increase 1971-73	11.6	7.9	8.1	8.2	9.9	9.6	9.1	9.7
Median (\$) 1971	6900	8250	9300	9700	10500	10900	11000	121.3
% Increase 1969-71	2.2	8.6	12.6	10.9	9.4	9.0	10.0	10.5
Median (\$) 1969	6750	7600	8350	8750	9600	10000	10000	109.8
Total % Increase 1969-75	25.9	30.9	35.3	36.0	38.5	40.0	41.5	46.0

\*Average for first 10 months of 1975

Note: The 1966 curve is based on raw data and applies to technicians in industry only. See page 13 for explanation of curve smoothing routine used for computing salary data since 1969. Comparisons between curves should be made with caution because of variations in survey methodology and coverage over the years. Data for the 1966 survey were collected between December 1965 and January 1966. Data for the 1969 report were gathered in October and November 1969. Data for 1971, 1973, and 1975 were collected in July and August of those years.

since graduation, we have assumed age 20 as equivalent to graduation from a two-year associate degree curriculum, and 22 as the equivalent age for bachelor's degree graduates.

The Engineering Manpower Commission does not attempt to establish salary standards for any industry or employee group. The curves presented in this report simply show what various sectors of employment were paying as of August 1975 when the survey was made. Users are cautioned to read carefully the paragraph on limitations inherent in this kind of salary data. When used with judgment under conditions where the data can reasonably be expected to apply, these curves should be of definite value to personnel managers, educators, and individual engineering technicians alike. We present this report as a service to these people and to the engineering community at large.

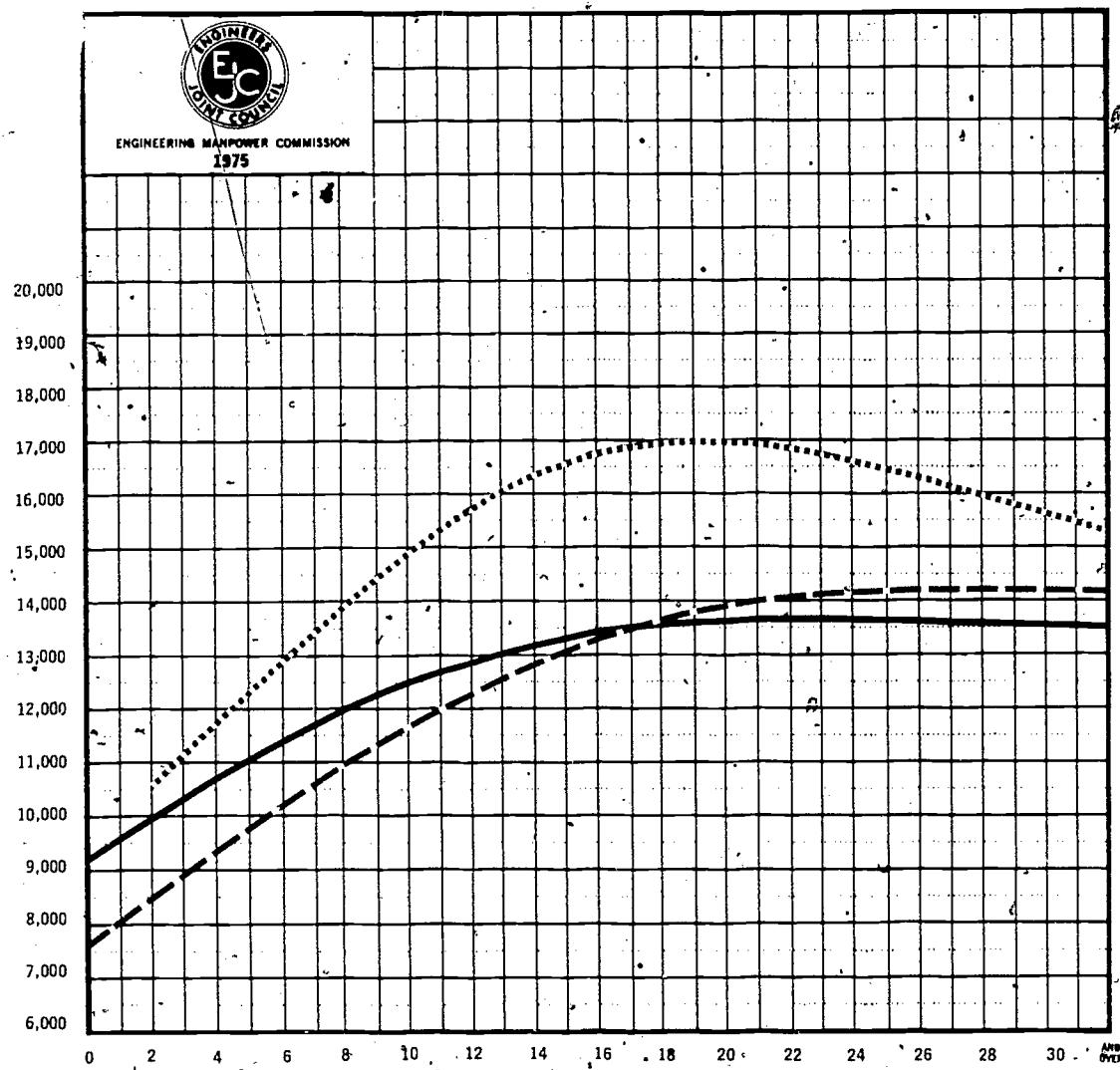
#### HIGHLIGHTS OF THE SURVEY

Engineering technicians during the last two years have received average annual salary increases ranging from 5.2 percent for those just out of school to 8.9 percent for those with 35 or more years since graduation, according to the EMC surveys. Figure 1 shows how median curves for associate degree and non-graduate technicians have risen since our initial survey in 1966. (Because of the different age scale used for bachelor's degree graduates, it is not feasible to include them in these median curves.) The relatively small increases between 1969 and 1971 reflect the aerospace and defense cut-backs, and other conditions that caused a decrease in the demand for engineers and technicians in 1970 and 1971. Starting salaries for new graduates were most noticeably affected, as indicated by the very small difference between the 1969 and 1971 curves within a few years after graduation.

Despite the beginning of economic recovery in 1973, that median salary curve rose only moderately. The 1975 curve seems to reflect the recovery of 1974 rather than the recession of 1975, as salaries for technicians increased substantially, especially at the higher levels of experience. It is impossible to predict trends for future years on the basis of the data available to date. In addition to external factors such as the economic situation, survey coverage varies and minor improvements are made in our survey methodology from one year to another. However, the curves of Figure 1 provide a rough general guide.

FIGURE 2  
 Median Salaries of Engineering  
 Technicians by Level of Formal  
 Education  
 All Survey Respondents, 1975

Annual Salary by Equivalent  
 Years Since Graduation  
 from Technical Institute\*



#### LEGEND

- Bachelor's Degree .....
- Associate Degree ———
- No Degree - - -

The table under Figure 1 shows how median salaries have changed in comparison to the consumer price index. In general, technician salary scales seem to have lagged behind the increasing CPI, especially at the starting level and during periods of recession. However, it should be noted that the salaries of actual people tend to increase along the curves because of experience at the same time as the curves themselves rise over the years. This is illustrated by the dotted lines on Figure 1 which represent the salary paths of three hypothetical median technicians, as follows:

Individual	Years of Experience as of 1975	Percent Increase				
		1966-69	1969-71	1971-73	1973-75	1966-75
A	10	28.9	19.7	14.2	18.4	108.8
B	18	20.8	13.9	12.7	17.7	82.6
C	28	17.0	10.0	9.1	17.9	65.5

The 1975 survey results show that graduate technicians start out at substantially higher salaries than non-graduates, but the advantage is reduced and ultimately slightly reversed with increasing experience. The median annual salary for graduate technicians in 1975 started at \$9,200 with less than a year of experience, increased steadily to \$13,000 twelve years after graduation, then rose gradually to a maximum of \$13,700. Non-graduate technician median salaries in 1975 started at \$7,700 and rose to a peak of \$14,200 at about 28 years of experience.

Four-year bachelor's degree technologists are reported as a separate category in the EMC surveys. Median starting salaries for this group in 1975 began at \$10,400, 13 percent higher than the median for two-year graduates and 35 percent more than for non-graduates. The trend of EMC surveys to date indicates that the differential enjoyed by bachelor's degree technicians will continue to persist as this group becomes more numerous and its members grow in experience.

Figure 2 shows the median salary curves for the three categories of technicians plotted on a single graph. These may be compared with the detailed smooth curves found in the body of the report. The bachelor's degree curve is displaced two years to the right on this graph to make the age distributions approximately comparable between the three groups shown.

A special feature of this report is the charts giving weighted national salary averages. In order to give each industry group its proper weight in relation to total national employment of technicians, factors were introduced into the computer program to compensate for over-representation of survey replies in some groups as compared to others. This provides a more representative set of data than would be obtained by simply summing all survey responses. This survey covers such a large population of technicians that there is little difference between the weighted national average curves and those for all respondents. The raw (unsmoothed) data tables for the All Respondents group are included in this report for purposes of comparison.

#### HOW THE SURVEY WAS CONDUCTED

A three-part questionnaire form was used (see facsimile in the Appendix) on which respondents simply indicated the number of individuals in appropriate boxes of a salary versus experience matrix. No special definitions were given other than those printed on the questionnaire. Forms were sent to EMC's regular list of survey participants, consisting of employers in all major areas of industry, government, and higher education.

Returns were reviewed for accuracy and consistency, and coded according to industry group and geographical location. Then the salary data were keypunched and verified. The punched cards were processed through our special three-stage computer program. The output of the first stage, consisting of reconstructed summary reports for each respondent, was reviewed to detect and correct any gross keypunch errors. The second stage output consisted of distribution matrices for each selected industry group. A sample matrix is included in the Appendix. More groups were actually analyzed than are included in this report, in order to arrive at the best and most useful combinations. Finally data tables were produced for each selected group. These tables have been reproduced directly below each of the plotted salary curves in this report.

The EMC computer program calculates salary medians, quartiles, deciles, and means for each array of salaries in a given "Years Since Graduation" column. Since salaries are reported within brackets of \$500 or \$1000, the computer interpolates each fractile to the nearest \$50 by assuming

a straight-line distribution between the extremes of the salary bracket. For example, if the median technician happened to be the 20th one in the \$9,500 to \$10,000 bracket, and there were 50 salaries reported in this bracket, the median point would be 20/50 of the \$500 range covered, or \$200, and the computed median salary would be \$9,700.

The fractiles are first produced as "raw" data. In general we have found that curves plotted on the basis of raw data contain many irregularities that result more from inherent limitations of the methodology than from significant changes in compensation practices. Therefore most of the curves presented in this report are based on "smooth" data developed by a curve-fitting routine. (The curves for "All Respondents" and many of the data tables for Bachelor of Technology graduates are examples of raw data.) All raw data curves and tables are clearly marked as such. Each fractile curve is computed separately in the form  $y = ax^2 + bx + c$ , where  $y$  is the reciprocal of salary and  $x$  represents years of experience raised to a power  $z$ . The smoothing program determines the values of  $a$ ,  $b$ ,  $c$ , and  $z$  that give the minimum sum of the squares of the differences between the raw and smooth values of  $y$ , the squared differences being weighted by the populations associated with each of the data points.

Raw data and distribution matrices may be obtained from EMC for any of the charts on special order at \$2.00 per table, prepaid.

#### METHOD OF PRESENTATION

Each set of curves is defined according to the industry group, degree level, or geographical region covered. Respondents constituting each industry group are listed in the Appendix. This enables users to determine whether their own organization is reasonably comparable with the group covered by the curves. Geographical regions are defined on page 29.

Below each set of curves are printed the data points on which they are based. The data tables also include mean salaries (which are not plotted and normally differ little from the median) and the number of salaries within each column. Users should always note these figures to be sure that the age distribution of their own employees is consistent with the group described by the curves. Data points have

been omitted where there were fewer than five salaries in a column. The data tables also list the number of salaries above \$20,000 or below \$7,000, which were the limits established by the questionnaire form. The plotted curves and data tables are terminated where they go beyond these limits.

In surveys of this kind there is always a chance that one or two large employers may dominate a particular industry group. To avoid such over-representation we weight groups where necessary to insure that no employer is responsible for more than half of the data. Data tables for such groups are clearly identified and the actual number of salaries reported by respondents in the group is given in addition to the weighted total.

To protect the data provided by individual respondents, we require that there be at least four employers in an industry group before salary curves are produced. The confidentiality of individual salary schedules is protected at all times.

#### COVERAGE AND RESPONSE

This report is based on returns submitted by 630 different establishments employing 61,537 technicians. A distribution by employment group appears on page 20.

#### NOTES ON THE SALARY CURVES

In some cases, the detailed curves show graduate technicians receiving lower salaries than nongraduates for the same number of years experience. In part this may be due to the operation of our curve-smoothing computer program, but it may result from other factors as well. College programs in engineering technology are relatively new, and until recent years have produced fairly small numbers of graduates. Many experienced technicians have obtained their formal educations at an older age than current graduates, while others have obtained most of their training on the job. All curves show that recent technical school graduates are making significantly higher salaries than nongraduates, but after 20 or more years of experience it is common for the educational differential to become less significant in comparison with on-the-job experience and performance.

This condition is particularly noticeable in the curves for the Electrical Equipment, Electronic Equipment, and Machinery industries, where it appears to result from the employment

patterns reported by several large employers. Because of the large number of salaries reported by these employers, their data exert a strong influence on the Electrical & Electronic Products, All Manufacturing Industry, All Industry Northeast, All Industry Large, and All Industry curves, even though no single employer contributed as much as half of the data in any industry group. Users should be particularly careful in using these curves and data tables to make sure that their own employment patterns are consistent with those indicated by the curves, with regard to the distribution of graduate and non-graduate technicians at different age or experience levels.

Because of the difficulty in integrating bachelor's degree holders with other technicians, this group has been excluded from all curves except those specifically labeled as applicable to bachelor's degree graduates. The heading "All Technicians" where used in this report should therefore be interpreted as "Technicians with an associate degree and equivalent nongraduates."

#### DEFINITION OF INDUSTRY GROUPS

The list of employer groups on the next page shows how the data in this report are related to each other in hierarchical fashion, starting with All Respondents and continuing with breakdowns into smaller and more detailed groups. Users should select the curves and data tables for the group most closely matching their own situation. In some cases it will be necessary to refer to the next larger grouping for more detailed data.

The following explanatory notes refer to groups whose identity may not be obvious from the headings on the charts and the list of respondents given in the Appendix:

ALL INDUSTRY REGIONAL CURVES - These sets of curves show how technician salaries in industry vary by major geographical region. They include all industry respondents, both manufacturing and nonmanufacturing. Because employment patterns differ greatly from state to state depending on concentrations of industry, these curves should be interpreted only as rough guides to overall regional variations.

ALL INDUSTRY CURVES BY SIZE OF ESTABLISHMENTS - These include only manufacturing and nonmanufacturing industry respondents to the survey. Small establishments are arbitrarily defined

#### ARRANGEMENT OF EMPLOYMENT GROUPS

The largest or most inclusive groups are listed first. Smaller groups included within broader groupings are indented under the more inclusive groups.

- Weighted National Average
- All Respondents
  - All Industry
    - Regional Breakdowns
    - Size of Company Breakdowns
    - All Manufacturing Industry
      - All Mechanical Products
        - Aerospace\*
        - Machinery
        - Metal Products
          - Fabricated Metal Products
          - Metals, Basic & Mining
      - Electrical & Electronic Products
        - Electrical Equipment
        - Electronic Equipment
    - All Consumer Products
      - Chemicals
      - Petroleum Industry\*
      - Paper
      - Miscellaneous Manufacturing
    - All Non-manufacturing Industry
      - Construction & Consultants
        - Construction
        - Engineering & Architectural Consultants
      - Technical Services, Other
      - Research & Development\*
      - Industrial R&D\*
      - R&D Laboratories
    - Utilities
      - Communications
      - Electric & Combined Utilities
        - Electric Utilities
        - Combined Electric & Gas Utilities
      - Gas Utilities & Pipelines
    - Education
      - Engineering Schools
      - Technician School
    - Government
      - Federal Government
      - State Government
      - Local Government

\*See notes on p. 19-20 for a description of respondents included in these special groups.

as those reporting fewer than 500 employees, medium establishments as those between 500 and 5000, and large establishments as those reporting 5000 or more total employees.

**ALL MANUFACTURING INDUSTRY** - These curves are composites of the following industry groups -- Aerospace, Chemicals, Electrical Equipment, Electronic Equipment, Machinery, Fabricated Metal Products, Metals--Basic & Mining, Miscellaneous Manufacturing, Paper, and Petroleum.

**ALL MECHANICAL PRODUCTS** - This group consists of the Aerospace, Machinery, Fabricated Metal Products, and Metals--Basic & Mining groups.

**ALL CONSUMER PRODUCTS** - This is a composite of the Chemicals, Petroleum, Paper, and Miscellaneous Manufacturing groups.

**PETROLEUM INDUSTRY** - This group consists of oil, gas, and pipeline companies plus related technical service organizations as indicated by (P) on the list of participants in the Appendix.

**ALL NONMANUFACTURING INDUSTRY** - This group includes companies listed under Communications, Construction, Electric Utilities, Engineering & Architectural Consultants, Gas Utilities & Pipelines, Research & Development, Technical Services, and Transportation.

**RESEARCH & DEVELOPMENT** - These curves are for employers listed as R&D Laboratories plus the research components of various industry groups and government laboratories as indicated by (R) in the list of respondents.

**INDUSTRIAL R&D** - This grouping consists of the research components of the industry groups as indicated by (R) in the list of respondents.

**R&D LABORATORIES** - These curves are for the nongovernment research laboratories only.

**BACHELOR OF TECHNOLOGY GRADUATES** - As previously noted, these technologists are not included in the salary curves for other technicians. Since there were only about 2,400 bachelor of technology salaries included in the survey, it was not possible to develop individual curves for each industry group. The curves and data tables for bachelor's degree technologists,

broken down in as much detail as was feasible, are grouped together for convenience.

The following groups are included for purposes of comparison with similar groupings reported in the 1973 technicians' salary survey, and to provide sufficiently large groupings to permit the generation of curves and data tables for bachelor of technology graduates. In each case, more detailed data are presented for the individual industry groups included in these combined groupings.

ELECTRICAL & ELECTRONIC PRODUCTS - This consists of the Electrical Equipment and Electronic Equipment groups combined.

METAL PRODUCTS This grouping includes Fabricated Metal Products and Metals, Basic and Mining.

CONSTRUCTION & CONSULTANTS - This group consists of Construction and Engineering & Architectural Consultants combined.

ELECTRIC & COMBINED UTILITIES - This combination is equivalent to the Electric Utilities group in the 1973 report. In the 1975 survey separate curves have been developed for Electric Utilities and Combined Electric and Gas Utilities.

EDUCATION - This group consists of Engineering Schools and Technician Schools combined.

#### LIMITATIONS

Users of this report should apply salary curves with judgment. We report salary data as furnished by the survey respondents, but there is no way of knowing whether respondents represent a typical cross-section of a particular industry group. Data in some year columns may be based on a relatively small number of salaries. In such cases the smoothed curves may represent a considerable departure from the raw data points. As explained previously, the methodology and presentation of data involve a number of inherent limitations. The salary curves and data must thus be viewed as general guides, not as absolutes.

In publishing these curves EMC is attempting to show what prevailing salary patterns are, not what we think they ought to be. In the final analysis the salaries paid to individuals are determined by many factors, especially their performance of assigned duties. Such factors cannot be

measured by a survey of this kind. Therefore EMC cannot undertake to evaluate individual salary situations, nor to advise employers as to the salaries they should pay for specific positions.

### Distribution of Sample

	<u>Number of Employers</u>	<u>Number of Technicians Covered</u>
Manufacturing Industries	213	25704
*Aerospace	8	1455
Chemicals	21	509
Electrical Equipment	17	13651
Electronic Equipment	55	4822
Machinery	20	1625
Metals, Basic and Mining	12	362
Fabricated Metal Products	44	1991
Paper	10	328
*Petroleum Industry	16	1579
Miscellaneous Manufacturing	10	555
Non-manufacturing Industries	191	13081
Communications	5	326
Construction and Design/Construction	12	1003
Electric and Combined Utilities	60	4760
Engineering and Architectural Consultants	78	3268
Engineering Services, Other	13	491
Gas Utilities and Pipelines	9	563
#R&D Laboratories	10	1182
Other Non-manufacturing	4	295
Government	73	19059
Federal	11	5646
State	16	11921
Local	46	1492
Educational Institutions	153	1295
Engineering Schools	109	1103
Technical Schools	44	192
@ Bachelor's Degree Technologists	-	2398
All Employers	630	61537

Notes:

\*In producing the data tables in this report, some respondents were included in two industry groups to make the data more representative. The Aerospace group includes engineers from 6 additional companies, and Petroleum Industry includes

those from 12 additional companies. See the list of respondents in the Appendix for identification of those companies.

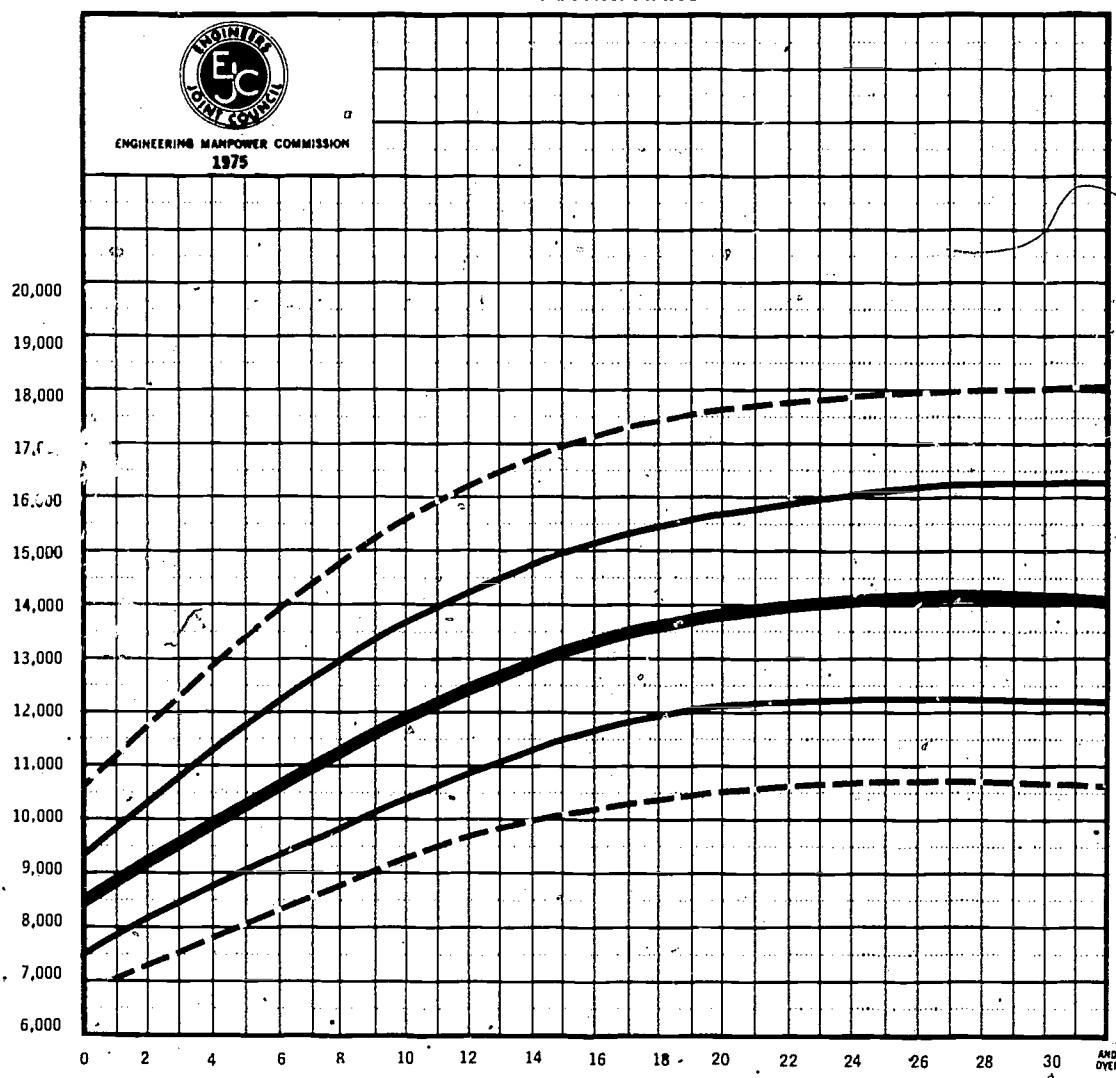
#In addition to the R&D Laboratories, 33 industrial R&D components and 3 government laboratories are included in tables representing the entire U.S. R&D establishment, titled Research and Development.

@ Bachelor's degree technologists are not included in the totals for the employer groups listed above.

Because of the foregoing conditions, the numbers of technicians shown above do not add up exactly to the totals in some instances. However, there is no duplication in the total number of respondents indicated for All Employers.

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

WEIGHTED NATIONAL AVERAGE  
ALL TECHNICIANS



LEGEND

Upper Decile	— — —	YEARS	0-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
Upper Quartile	— — — —	UPPER DECILE	10600	11250	11650	12450	13000	13500	14000	14450	14850
Median	— — — — —	UPPER QUARTILE	9450	9950	10460	10960	11350	11800	12200	12600	12950
Lower Quartile	— — — — — —	MEDIAN	8500	8850	9250	9600	9950	10300	10650	10950	11300
Lower Decile	— — — — — — —	LOWER QUARTILE	7500	7850	8150	8450	8750	9050	9350	9600	9900
		LOWER DECILE	7050	7350	7600	7900	8150	8400	8650	8850	
		MEAN	8700	9100	9450	9850	10200	10550	10900	11250	11600
		TOTAL NUMBER	3522	5498	6576	7865	7321	6218	8930	9089	9366
		NUMBERS OVER \$20000	1	0	0	0	1	8	0	0	23
		NUMBERS UNDER \$7000	731	476	270	301	222	263	116	131	98
		YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
		UPPER DECILE	15600	16450	17100	17500	17750	17900	18000	18050	18050
		UPPER QUARTILE	13650	14450	15100	15550	15950	16050	16200	16250	16300
		MEDIAN	11900	12700	13300	13750	14000	14100	14150	14050	13900
		LOWER QUARTILE	10400	11100	11600	11950	12150	12250	12250	12200	12050
		LOWER DECILE	9300	9800	10200	10450	11400	11650	11600	10550	10400
		MEAN	12150	12900	13500	13850	14100	14200	14250	14200	14150
		TOTAL NUMBER	22535	21142	19432	17269	15447	16376	13599	19373	25367
		NUMBERS OVER \$20000	51	100	336	379	409	523	391	603	887
		NUMBERS UNDER \$7000	174	114	46	38	29	41	33	59	149

NUMBER OF TECHNICIANS COVERED - 236934

Unweighted total - 59,139

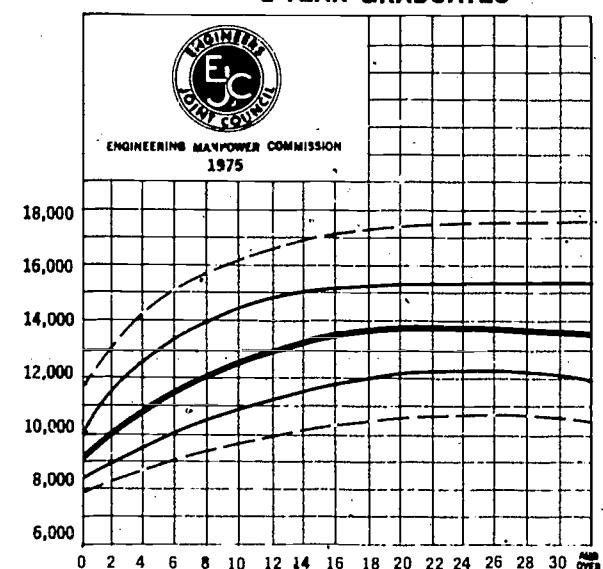
\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

# WEIGHTED NATIONAL AVERAGE

**Annual Salary by Equivalent**

**Years Since Graduation**

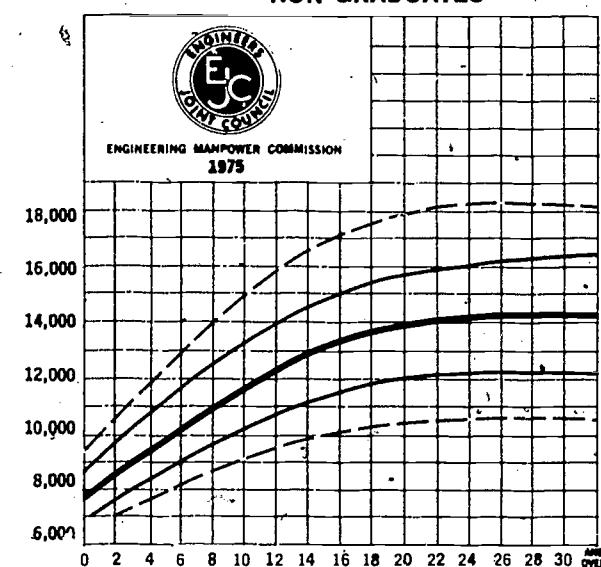
**from Technical Institute\* 2-YEAR GRADUATES**



**Annual Salary by Equivalent**

**Years Since Graduation**

**from Technical Institute\* NON GRADUATES**



## 2-YEAR GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	11750	12400	13030	13600	14100	14550	15030	15350	15700
UPPER QUARTILE	10050	10700	11350	11950	12450	12900	13300	13650	13950
MEDIAN	9200	9600	10000	10350	10750	11050	11400	11700	12000
LOWER QUARTILE	8500	8750	9000	9250	9500	9750	10000	10200	10450
LOWER DECILE	7900	8100	8300	8450	8650	8850	9000	9200	9350
MEAN	9550	9950	10300	10700	11050	11400	11700	12000	12300
TOTAL NUMBER	1178	3091	3389	3823	2647	3502	3477	3346	3176
NUMBERS OVER \$20000	1	0	0	0	8	0	0	0	15
NUMBERS UNDER \$7000	33	65	34	52	36	52	23	45	30
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	16250	16800	17150	17350	17450	17500	17550	17550	17600
UPPER QUARTILE	14400	14850	15100	15200	15300	15300	15350	15350	15350
MEDIAN	12500	13100	13450	13600	13700	13650	13600	13500	13350
LOWER QUARTILE	10850	11350	11750	12000	12150	12150	12100	11950	11600
LOWER DECILE	9650	10050	10350	10550	10650	10650	10600	10450	10100
MEAN	12750	13300	13600	13800	13850	13800	13750	13700	13600
TOTAL NUMBER	7155	5882	4337	3446	2938	2675	2052	2716	2615
NUMBERS OVER \$20000	30	45	129	82	33	86	59	59	70
NUMBERS UNDER \$7000	30	50	4	5	5	3	1	3	13

NUMBER OF TECHNICIANS COVERED - 61653

Unweighted total - 19,094

## NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	9500	10050	10600	11150	11700	12300	12850	13400	13900
UPPER QUARTILE	8600	9100	9600	10100	10600	11100	11600	12050	12500
MEDIAN	7700	8100	8550	8950	9350	9750	10200	10600	10950
LOWER QUARTILE	7300	7650	8000	8350	8700	9000	9350	9650	9650
LOWER DECILE	7050	7350	7600	7850	8150	8400	8600		
MEAN	7900	8350	8750	9150	9550	10000	10400	10750	11150
TOTAL NUMBER	2343	2407	3187	4042	4474	4715	5452	5742	6190
NUMBERS OVER \$20000	0	0	0	0	1	0	0	0	5
NUMBERS UNDER \$7000	698	410	236	247	184	211	96	85	67
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	14900	16200	17150	17750	18100	18250	18200	18100	17900
UPPER QUARTILE	13300	14350	15100	15650	15950	16200	16300	16350	16400
MEDIAN	11700	12600	13300	13750	14050	14150	14200	14150	14050
LOWER QUARTILE	10250	11000	11600	11950	12150	12250	12250	12200	12150
LOWER DECILE	9100	9650	10100	10400	10600	10650	10650	10600	10450
MEAN	11850	12750	13450	13900	14200	14300	14350	14300	14200
TOTAL NUMBER	15380	15259	15095	13823	12508	13700	11546	16657	22752
NUMBERS OVER \$20000	20	55	207	296	376	437	331	544	816
NUMBERS UNDER \$7000	144	63	42	33	24	38	29	56	136

NUMBER OF TECHNICIANS COVERED - 175260

Unweighted total - 40,045

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

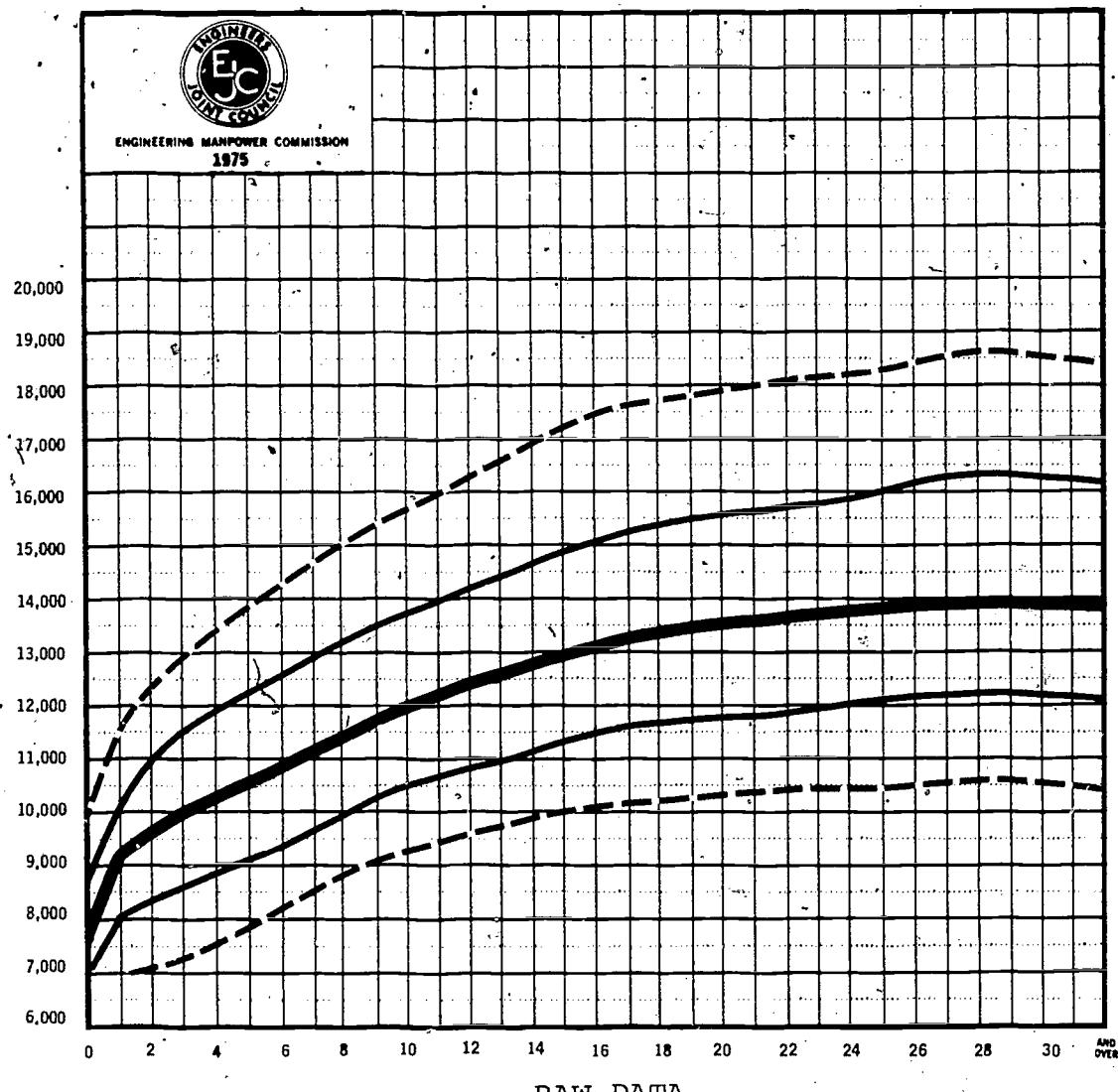
### LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

### ALL RESPONDENTS

### ALL TECHNICIANS



### RAW DATA

#### ALL RESPONDENTS TOTAL

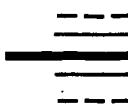
YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	9900	11700	12350	13000	13400	13850	14300	14600	15000
UPPER QUARTILE	8950	10250	11000	11650	11850	12250	12600	12800	13250
MEDIAN	7700	9100	9600	10650	10150	10450	10800	11150	11400
LOWER QUARTILE	6000	8350	8600	8800	9050	9350	9700	9950	
LOWER DECILE	7100	7150	7550	7850	8200	8400	8600		

MEAN	8200	9250	9750	10200	11400	10700	11100	11350	11700
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TOTAL NUMBER	868	1289	1764	1883	1927	2098	2259	2521	2715
NUMBERS OVER \$20000	1	0	0	0	1	2	3	0	4
NUMBERS UNDER \$ 7000	311	181	156	169	133	107	74	66	65

#### LEGEND

Upper Decile  
Upper Quartile  
Median  
Lower Quartile  
Lower Decile



YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	15650	16550	17500	17750	18100	18250	18700	18400	18650
UPPER QUARTILE	13700	14300	15150	15500	15650	16000	16350	16200	16150
MEDIAN	12050	12500	13150	13450	13600	13850	13950	13800	13650
LOWER QUARTILE	10550	10950	11550	11700	11850	12100	12200	12050	11650
LOWER DECILE	9200	9700	10050	10200	10450	10450	10600	10400	9900

MEAN	12200	12800	13400	13650	13250	14100	14300	14100	13850
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TOTAL NUMBER	6141	5687	4986	4618	3894	3656	3210	4462	5221
NUMBERS OVER \$20000	19	38	79	82	107	103	102	145	196
NUMBERS UNDER \$ 7000	90	56	34	27	29	20	14	35	86

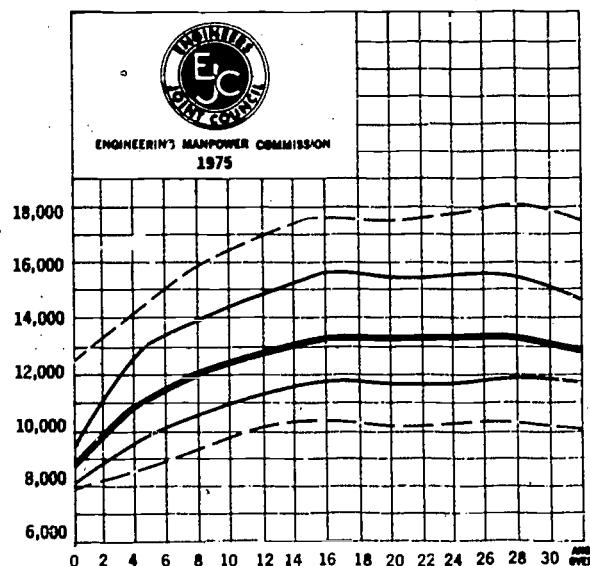
NUMBER OF TECHNICIANS COVERED - 59139

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

# ALL RESPONDENTS

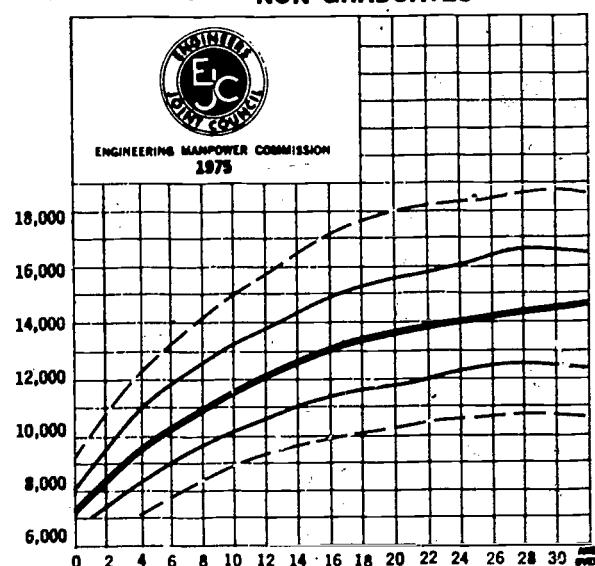
Annual Salary by Equivalent  
Years Since Graduation

from Technical Institute\* **2-YEAR GRADUATES**



Annual Salary by Equivalent  
Years Since Graduation

from Technical Institute\* **NON GRADUATES**



## 2-YEAR GRADUATES

### RAW DATA

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	12600	12250	12800	13600	14050	14750	15350	15600	15900
UPPER QUARTILE	9600	10900	11750	12600	12750	13200	13550	13700	13950
MEDIAN	8800	9500	11250	10900	10950	11300	11650	11750	12050
LOWER QUARTILE	8050	8700	9150	9550	9550	9700	10000	10300	10550
LOWER DECILE	8050	8300	8400	8500	8450	8950	9100	9300	
MEAN	9300	9850	10450	11000	11150	11500	11850	12050	12350
TOTAL NUMBER	305	732	919	969	865	942	1016	1031	1078
NUMBERS OVER \$20000	1	0	0	0	0	2	0	0	3
NUMBERS UNDER \$ 7000	33	30	34	37	31	35	20	32	17
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	16400	17150	17900	17550	17650	17900	18150	17450	17050
UPPER QUARTILE	14300	15000	15750	15550	15050	15650	15450	14650	14150
MEDIAN	12450	12850	13450	13300	13050	13450	13200	12800	12150
LOWER QUARTILE	11000	11400	11800	11700	11600	11800	11900	11550	11450
LOWER DECILE	9800	10200	10550	10300	10150	10350	10250	10000	10050
MEAN	12750	13250	13850	13650	13500	13800	13700	13300	13050
TOTAL NUMBER	2290	1798	1348	1181	970	893	745	981	1031
NUMBERS OVER \$20000	13	27	42	27	29	28	25	33	28
NUMBERS UNDER \$ 7000	17	13	4	5	5	3	1	3	13

NUMBER OF TECHNICIANS COVERED - 19094

## NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	9250	10650	11150	11800	12450	12900	13350	13750	14050
UPPER QUARTILE	8100	9550	9900	10550	11650	11350	11750	12250	12700
MEDIAN	7000	8200	8900	9200	9600	9850	10300	10700	10950
LOWER QUARTILE			7500	7800	8250	8600	8900	9300	9700
LOWER DECILE					7050	7500	7800	8150	8550
MEAN	7550	8450	8900	9300	9750	10050	10450	10850	11250
TOTAL NUMBER	563	557	785	914	1062	1156	1243	1490	1637
NUMBERS OVER \$20000	0	0	0	0	1	0	0	0	1
NUMBERS UNDER \$ 7000	278	151	122	132	102	72	54	56	48
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	15000	16000	17300	17800	18250	18350	18600	18550	18250
UPPER QUARTILE	13400	14000	14900	15450	15000	16100	16600	16450	16400
MEDIAN	11750	12350	13000	13500	13750	14000	14250	14150	13650
LOWER QUARTILE	10250	10800	11400	11700	12000	12250	12400	12300	11860
LOWER DECILE	8900	9550	9900	10150	10500	10500	10700	10600	9900
MEAN	11900	12600	13250	13650	13950	14200	14500	14350	14050
TOTAL NUMBER	3851	3889	3638	3437	2924	2763	2465	3481	4190
NUMBERS OVER \$20000	6	11	37	55	78	75	77	112	168
NUMBERS UNDER \$ 7000	73	43	30	22	24	17	13	32	73

NUMBER OF TECHNICIANS COVERED - 40045

### LEGEND

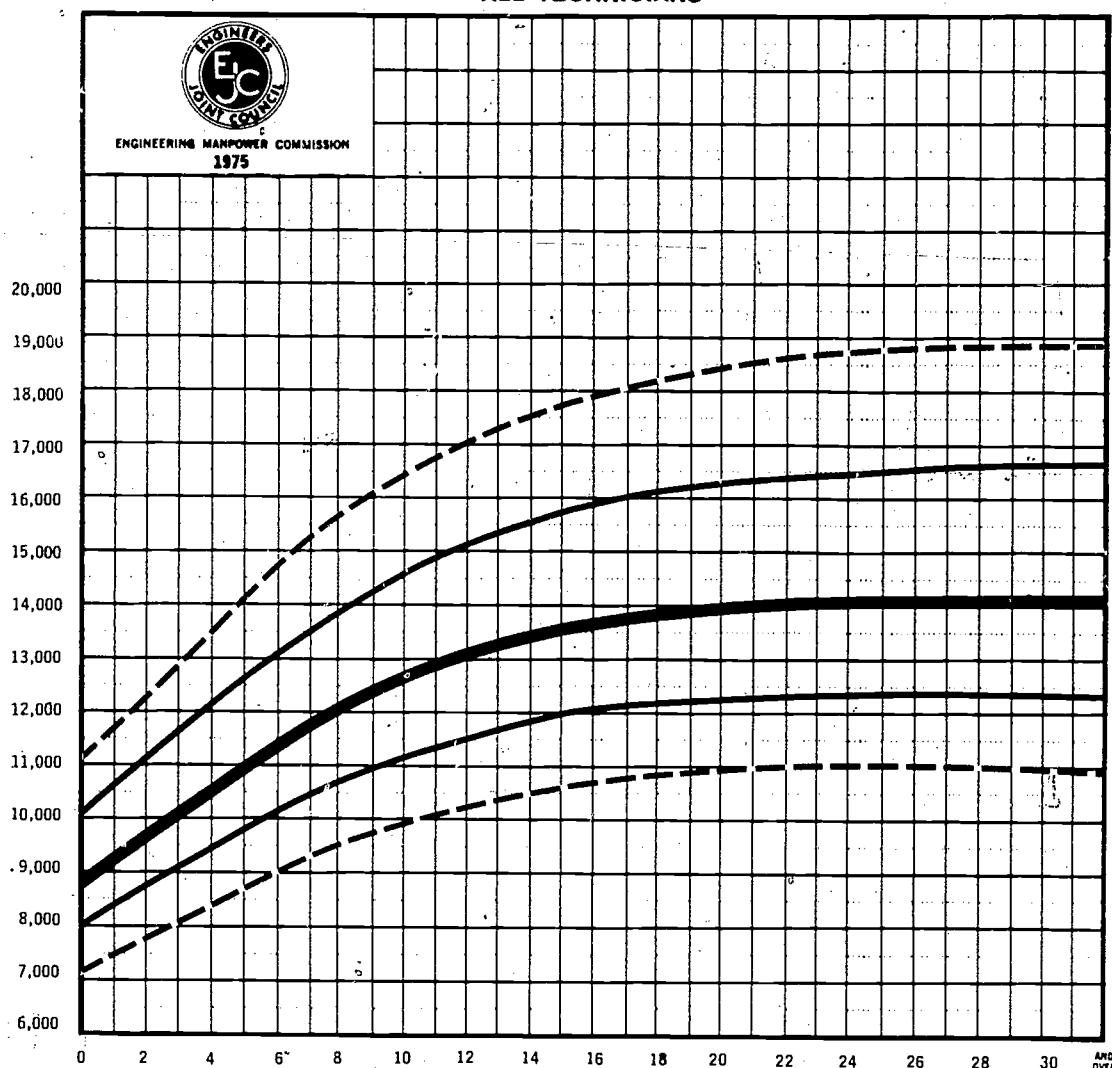
Upper Decile	— — — —
Upper Quartile	— — — — —
Median	— — — — — —
Lower Quartile	— — — — — — —
Lower Decile	— — — — — — — —

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

## ALL INDUSTRY

### ALL TECHNICIANS



YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	11150	11800	12450	13100	13650	14250	14750	15250	15650
UPPER QUARTILE	10050	10650	11200	11700	12200	12700	13100	13550	13900
MEDIAN	8950	9300	9800	10250	10700	11100	11450	11800	12100
LOWER QUARTILE	8000	8350	8700	9050	9400	9750	10050	10350	10600
LOWER DECILE	7200	7550	7850	8150	8450	8700	9000	9250	9500
MEAN	9050	9550	10050	10500	10900	11300	11700	12050	12350
TOTAL NUMBER	497	895	1222	1335	1345	1457	1610	1743	1863
NUMBERS OVER \$20000	0	0	0	0	1	1	3	0	3
NUMBERS UNDER \$7000	96	38	22	20	14	10	6	7	8

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	16450	17300	17950	18350	18600	18750	18800	18850	18850
UPPER QUARTILE	14550	15300	15800	16150	16350	16500	16600	16600	16600
MEDIAN	12600	13200	13600	13850	14000	14100	14150	14150	14200
LOWER QUARTILE	11100	11650	12050	12250	12350	12400	12400	12350	12300
LOWER DECILE	9900	10400	10700	10900	11000	11000	11000	10950	10900
MEAN	12900	13500	13950	14200	14400	14500	14550	14550	14550
TOTAL NUMBER	4140	3596	3070	2796	2490	2465	2213	3080	2968
NUMBERS OVER \$20000	17	26	65	62	84	81	77	108	159
NUMBERS UNDER \$7000	6	2	3	3	0	6	3	2	3

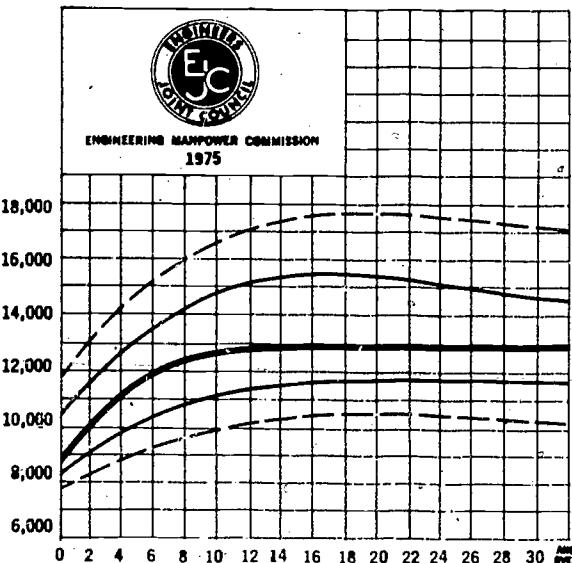
NUMBER OF TECHNICIANS COVERED - 38785

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

# ALL INDUSTRY

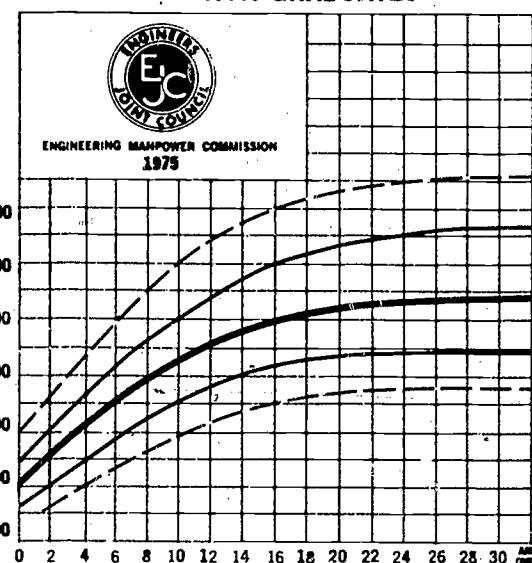
Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

## 2-YEAR GRADUATES



Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

## NON GRADUATES



## 2-YEAR GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	11850	12450	13000	13600	14150	14650	15150	15600	16000
UPPER QUARTILE	10550	11150	11700	12250	12750	13200	13600	14000	14300
MEDIAN	8900	9700	10350	10900	11350	11700	12000	12200	12400
LOWER QUARTILE	8500	8850	9200	9500	9800	10100	10350	10600	10800
LOWER DECILE	7800	8100	8400	8650	8900	9100	9300	9500	9650
MEAN	9650	10100	10550	11000	11400	11750	12100	12400	12650
TOTAL NUMBER	245	619	761	795	721	763	866	873	941
NUMBERS OVER \$20000	0	0	0	0	0	1	0	0	3
NUMBERS UNDER \$7000	18	6	4	5	1	4	3	2	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	16650	17300	17650	17700	17600	17450	17250	17050	16850
UPPER QUARTILE	14850	15300	15400	15350	15150	14950	14750	14550	14400
MEDIAN	12650	12850	12900	12950	12950	12950	12950	12950	12950
LOWER QUARTILE	11100	11450	11600	11700	11700	11700	11650	11600	11600
LOWER DECILE	9950	10250	10400	10450	10400	10350	10250	10200	10100
MEAN	13050	13400	13600	13600	13550	13450	13350	13250	13200
TOTAL NUMBER	1995	1579	1161	1022	813	774	659	867	867
NUMBERS OVER \$20000	11	17	33	19	19	19	15	28	28
NUMBERS UNDER \$7000	0	2	0	0	0	1	0	0	0

NUMBER OF TECHNICIANS COVERED - 16321

## NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	10100	10750	11400	12050	12700	13300	13900	14500	15050
UPPER QUARTILE	9000	9600	10200	10800	11350	11900	12450	12950	13400
MEDIAN	8050	8600	9150	9650	10150	10600	11050	11450	11850
LOWER QUARTILE	7300	7700	8100	8550	9050	9350	9700	10100	10450
LOWER DECILE	7050	7400	7750	8050	8400	8750	9050	9350	9700
MEAN	8700	9400	9700	10000	10500	10750	11200	11600	12000
TOTAL NUMBER	252	276	461	540	624	694	744	870	922
NUMBERS OVER \$20000	0	0	0	1	0	0	0	0	0
NUMBERS UNDER \$7000	78	32	15	23	13	6	3	5	6
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	16050	17200	18050	18550	18850	19050	19100	19150	19150
UPPER QUARTILE	14250	15250	16000	16550	16850	17050	17200	17250	17250
MEDIAN	12550	13750	13950	14300	14550	14700	14800	14850	14850
LOWER QUARTILE	11050	11800	12350	12650	12750	12900	12900	12900	12900
LOWER DECILE	9950	10550	11000	11700	11450	11500	11500	11500	11450
MEAN	12750	13600	14250	14600	14850	14950	15000	15050	15050
TOTAL NUMBER	2145	2817	1909	1774	1677	1691	1554	2213	2101
NUMBERS OVER \$20000	6	9	72	43	55	62	52	80	131
NUMBERS UNDER \$7000	6	8	3	7	0	5	2	3	3
NUMBER OF TECHNICIANS COVERED - 22464									

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

## DEFINITION OF REGIONS

### NORTHEAST

Connecticut  
Maine  
Massachusetts  
New Hampshire  
Rhode Island  
Vermont  
New Jersey  
New York  
Pennsylvania

### NORTH CENTRAL

Illinois  
Indiana  
Michigan  
Ohio  
Wisconsin  
Iowa  
Kansas  
Minnesota  
Missouri  
Nebraska  
North Dakota  
South Dakota

### SOUTH

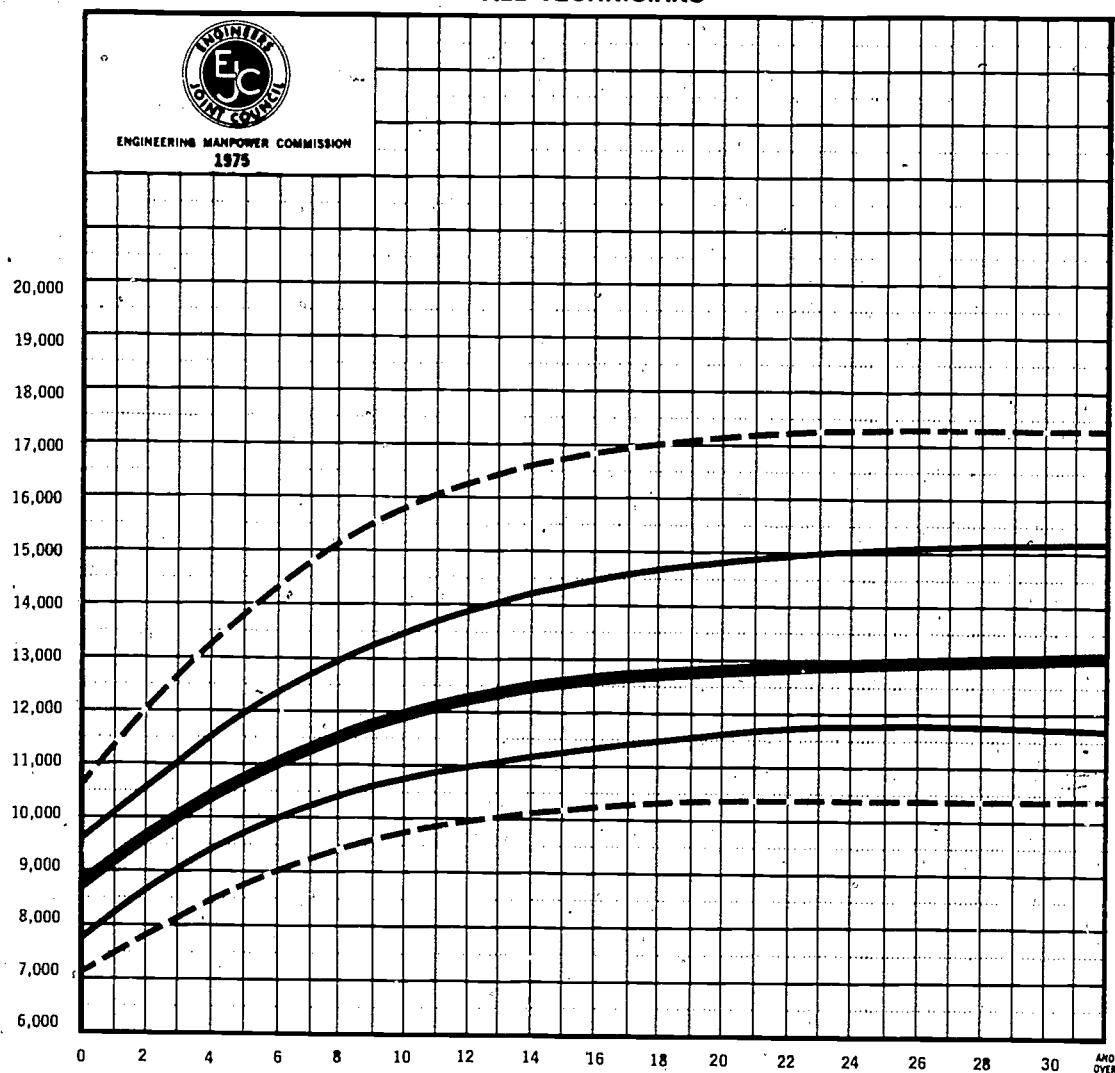
Delaware  
District of Columbia  
Florida  
Georgia  
Maryland  
North Carolina  
South Carolina  
Virginia  
West Virginia  
Alabama  
Kentucky  
Mississippi  
Tennessee  
Arkansas  
Louisiana  
Oklahoma  
Texas

### WEST

Arizona  
Colorado  
Idaho  
Montana  
Nevada  
New Mexico  
Utah  
Wyoming  
California  
Oregon  
Washington  
Alaska  
Hawaii

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

ALL INDUSTRY, NORTHEAST  
ALL TECHNICIANS



YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	10,600	11,350	12,050	12,700	13,300	13,850	14,350	14,800	15,200
UPPER QUARTILE	9,650	10,150	10,650	11,100	11,500	11,900	12,300	12,650	12,950
MEDIAN	8,700	9,100	9,600	10,000	10,350	10,700	11,050	11,400	11,750
LOWER QUARTILE	7,850	8,250	8,650	9,050	9,350	9,650	9,950	10,200	10,450
LOWER DECILE	7,000	7,500	7,850	8,150	8,450	8,700	8,950	9,200	9,400
MEAN	8,900	9,400	9,850	10,250	10,600	11,000	11,300	11,600	11,850
TOTAL NUMBER	213	322	429	486	475	581	643	779	885
NUMBERS OVER \$20,000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7,000	32	8	6	6	5	3	0	1	4

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	15,600	16,450	16,950	17,100	17,250	17,300	17,350	17,350	17,350
UPPER QUARTILE	13,500	14,100	14,500	14,800	14,950	15,050	15,150	15,150	15,200
MEDIAN	11,900	12,350	12,650	12,800	12,900	13,000	13,000	13,050	13,050
LOWER QUARTILE	10,750	11,100	11,400	11,550	11,650	11,700	11,750	11,750	11,750
LOWER DECILE	9,700	10,050	10,250	10,750	10,400	10,400	10,400	10,400	10,400
MEAN	12,300	12,750	13,100	13,300	13,400	13,450	13,500	13,550	13,550

TOTAL NUMBER	1,801	1,537	1,177	1,101	1,024	980	917	1,381	1,467
NUMBERS OVER \$20,000	4	5	1	11	20	18	20	15	41
NUMBERS UNDER \$7,000	3	0	2	0	0	2	0	0	0

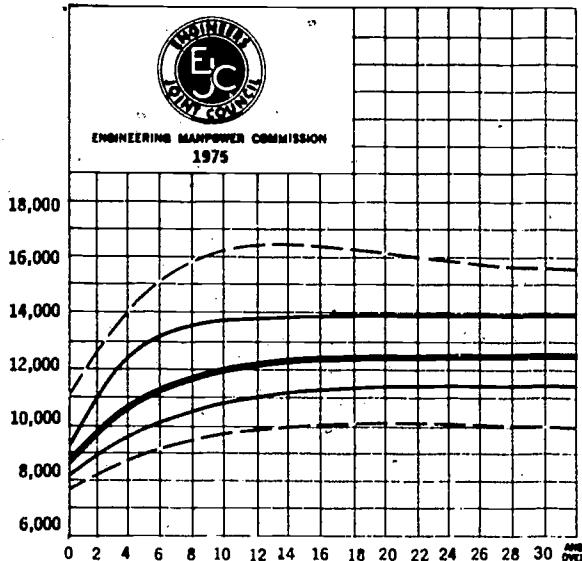
NUMBER OF TECHNICIANS COVERED - 16228

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

# ALL INDUSTRY, NORTHEAST

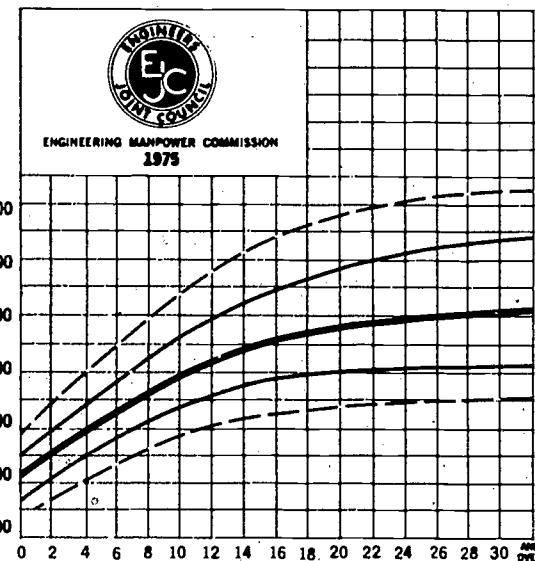
**Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\***

## 2-YEAR GRADUATES



**Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\***

## NON GRADUATES



## 2-YEAR GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	11000	11400	12550	13250	13900	14500	14950	15350	15700
UPPER QUARTILE	9400	10400	11250	11900	12450	12850	13150	13350	13500
MEDIAN	8850	9400	9900	10350	10700	11050	11300	11500	11700
LOWER QUARTILE	7300	8450	9000	9300	9600	9850	10100	10300	10500
LOWER DECILE	7700	8000	8250	8500	8750	8950	9150	9350	9500
MEAN	9200	9750	10250	10700	11050	11400	11700	11900	12100
TOTAL NUMBER	127	219	265	306	285	328	440	498	548
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	5	1	1	2	0	1	0	0	2
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	16150	16400	16350	16200	16000	15850	15700	15600	15550
UPPER QUARTILE	13700	13650	13900	13900	13900	13900	13900	13900	13900
MEDIAN	11950	12200	12350	12400	12450	12450	12450	12450	12450
LOWER QUARTILE	10800	11100	11250	11350	11400	11400	11400	11400	11400
LOWER DECILE	9700	9950	10050	10100	10100	10050	10000	10000	9950
MEAN	12400	12650	12750	12750	12750	12750	12750	12750	12750
TOTAL NUMBER	1088	927	701	674	575	533	503	678	732
NUMBERS OVER \$20000	2	2	8	5	4	6	4	8	9
NUMBERS UNDER \$7000	0	0	0	0	0	1	0	0	0

NUMBER OF TECHNICIANS COVERED - 9427

## NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	9400	10700	10550	11350	11900	12400	12900	13350	13850
UPPER QUARTILE	9050	9500	9950	10350	10850	11200	11550	12050	12400
MEDIAN	8200	8600	9050	9400	9850	10250	10600	10950	11300
LOWER QUARTILE	7350	7800	8200	8600	9000	9350	9700	10000	10300
LOWER DECILE	7100	7500	7850	8150	8450	8750	9000	9250	9500
MEAN	8300	8700	9150	9650	10000	10350	10750	11100	11450
TOTAL NUMBER	86	103	164	180	190	253	243	281	337
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	27	7	5	4	5	2	0	1	2
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	14700	15450	16750	17400	17900	18200	18450	18550	18600
UPPER QUARTILE	13150	14100	14900	15550	16000	16350	16600	16800	16950
MEDIAN	11850	12400	13100	13500	13750	13950	14050	14150	14150
LOWER QUARTILE	10750	11300	11700	11900	12100	12150	12200	12250	12250
LOWER DECILE	9700	10150	10500	10700	10850	10950	11000	11050	11050
MEAN	12050	12800	13400	13800	14100	14300	14400	14500	14550

### LEGEND

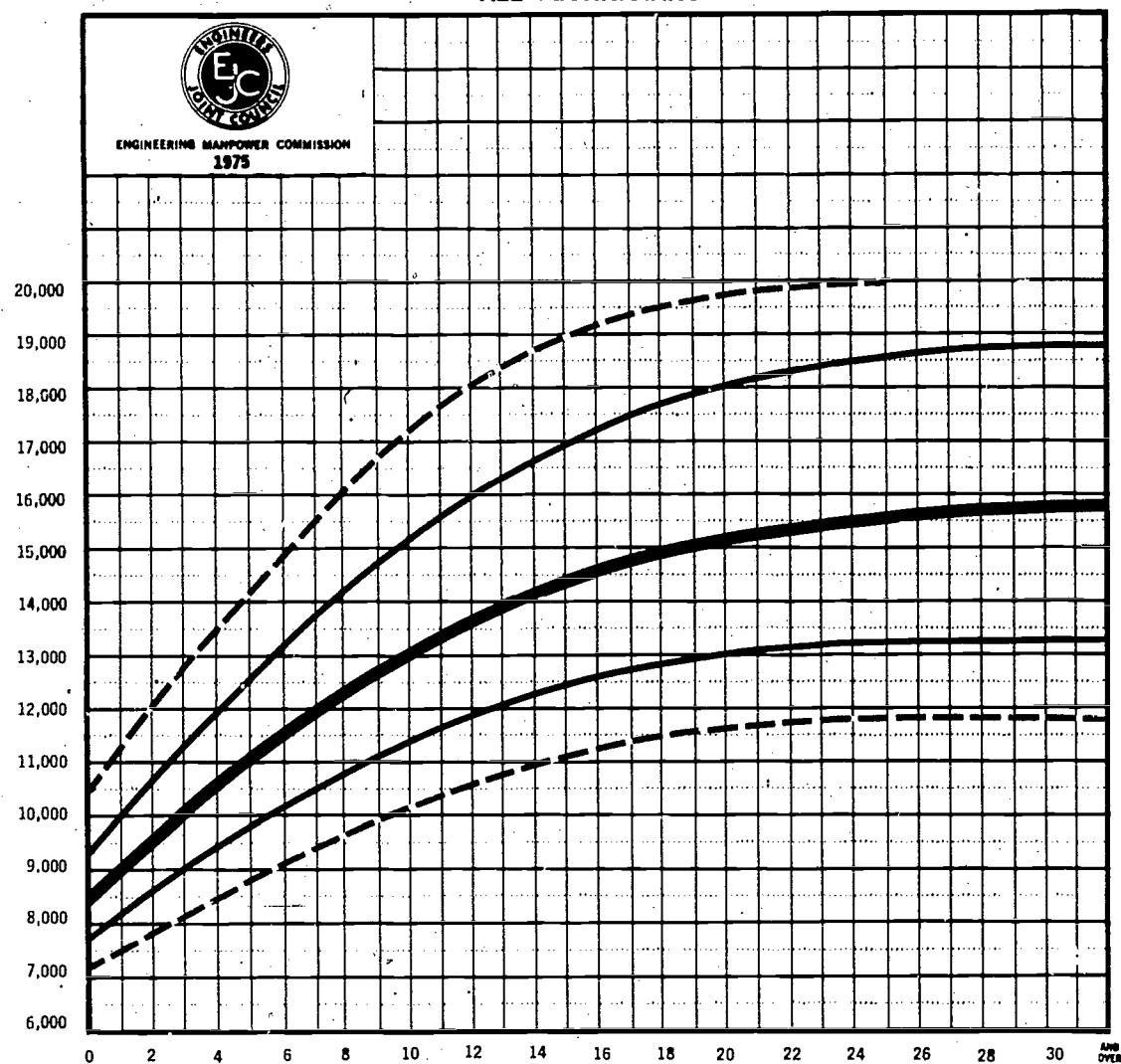
Upper Decile	----
Upper Quartile	---
Median	---
Lower Quartile	---
Lower Decile	---

NUMBER OF TECHNICIANS COVERED - 6801

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

ALL INDUSTRY, NORTH CENTRAL  
ALL TECHNICIANS



YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	10,500	11,250	12,000	12,750	13,450	14,200	14,850	15,500	16,100
UPPER QUARTILE	9,350	10,000	10,650	11,300	11,900	12,550	13,150	13,700	14,200
MEDIAN	8,450	9,000	9,550	10,000	10,500	10,950	11,400	11,850	12,250
LOWER QUARTILE	7,700	8,150	8,850	9,000	9,400	9,800	10,150	10,500	10,800
LOWER DECILE	7,250	7,600	7,900	8,200	8,500	8,800	9,100	9,350	9,650
MEAN	8,700	9,250	9,750	10,300	10,800	11,300	11,750	12,200	12,600

TOTAL NUMBER	117	189	244	272	252	277	310	304	332
NUMBERS OVER \$20,000	0	0	0	0	0	1	0	0	2
NUMBERS UNDER \$7,000	27	11	7	7	2	3	0	1	1

LEGEND

Upper Decile	---	YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
Upper Quartile	---	UPPER DECILE	17,150	18,350	19,150	19,600	19,900	20,000			
Median	---	UPPER QUARTILE	15,200	16,350	17,250	17,850	18,250	18,550	18,700	18,800	18,850
Lower Quartile	---	MEDIAN	13,000	13,900	14,550	15,050	15,350	15,550	15,700	15,800	15,800
Lower Decile	---	LOWER QUARTILE	11,700	12,050	12,550	12,900	13,100	13,250	13,300	13,350	13,350
		LOWER DECILE	9,400	10,750	11,200	11,550	11,700	11,800	11,800	11,800	11,700
		MEAN	13,300	14,200	14,800	15,250	15,550	15,750	15,850	15,900	15,950
		TOTAL NUMBER	745	631	517	461	404	472	380	622	601
		NUMBERS OVER \$20,000	5	6	35	40	46	52	40	60	90
		NUMBERS UNDER \$7,000	1	0	0	3	0	2	2	2	0

NUMBER OF TECHNICIANS COVERED - 7130

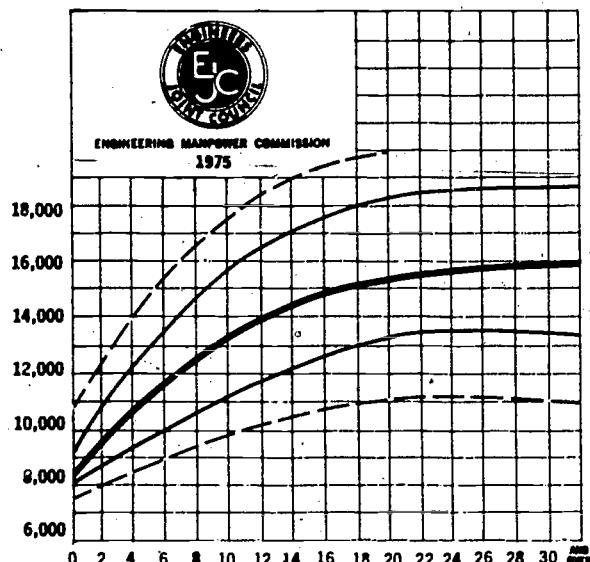
\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

# ALL INDUSTRY, NORTH CENTRAL

## Annual Salary by Equivalent

Years Since Graduation  
from Technical Institute\*

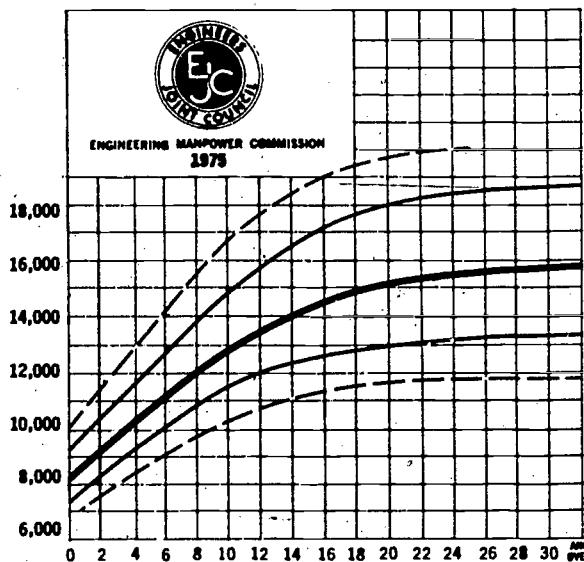
### 2-YEAR GRADUATES



## Annual Salary by Equivalent

Years Since Graduation  
from Technical Institute\*

### NON GRADUATES



### 2-YEAR GRADUATES\*

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	10850	11600	12350	13100	13800	14500	15200	15850	16450
UPPER QUARTILE	9250	10000	10750	11500	12250	12950	13600	14200	14750
MEDIAN	8450	9050	9600	10100	10650	11150	11650	12100	12500
LOWER QUARTILE	8150	8450	8750	9050	9350	9700	10000	10300	10600
LOWER DECILE	7600	7850	8100	8350	8550	8800	9050	9250	9450
MEAN	8900	9450	9950	10500	11000	11450	11950	12350	12750
TOTAL NUMBER	54	134	165	147	108	146	168	127	144
NUMBERS OVER \$20000	0	0	0	0	0	1	0	0	2
NUMBERS UNDER \$7000	11	1	2	2	1	2	0	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	17500	18750	19500	19900					
UPPER QUARTILE	15700	16850	17600	18100	18400	18550	18650	18700	18700
MEDIAN	13250	14150	14800	15250	15550	15750	15900	15950	16000
LOWER QUARTILE	11150	11950	12600	13100	13400	13500	13500	13300	12800
LOWER DECILE	9850	10400	10750	11000	11150	11150	11100	10950	10600
MEAN	13450	14300	14900	15350	15650	15800	15900	16000	16000
TOTAL NUMBER	287	188	134	87	71	87	41	78	57
NUMBERS OVER \$20000	3	1	13	8	4	11	7	13	13
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 2223

### NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	10150	10450	11550	12250	12950	13650	14350	15000	15600
UPPER QUARTILE	9300	9450	10450	11050	11600	12200	12800	13350	13900
MEDIAN	8350	8900	9400	9850	10350	10800	11250	11700	12100
LOWER QUARTILE	7300	7450	7950	8650	9300	9750	10150	10550	10900
LOWER DECILE	7150	7600	8050	8450	8850	9200	9550	9850	
MEAN	8400	8950	9500	10050	10550	11100	11550	12000	12450
TOTAL NUMBER	63	55	79	125	144	131	142	177	188
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	16	10	5	5	1	1	0	1	1
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	16750	18150	19100	19650	19950				
UPPER QUARTILE	14900	16150	17150	17800	18250	18500	18650	18750	18800
MEDIAN	12850	13750	14450	14950	15300	15550	15700	15800	15800
LOWER QUARTILE	11500	12150	12650	12950	13100	13250	13300	13300	13300
LOWER DECILE	10350	10950	11300	11550	11700	11800	11850	11850	11850
MEAN	13200	14150	14800	15250	15550	15750	15850	15900	15900

### LEGEND

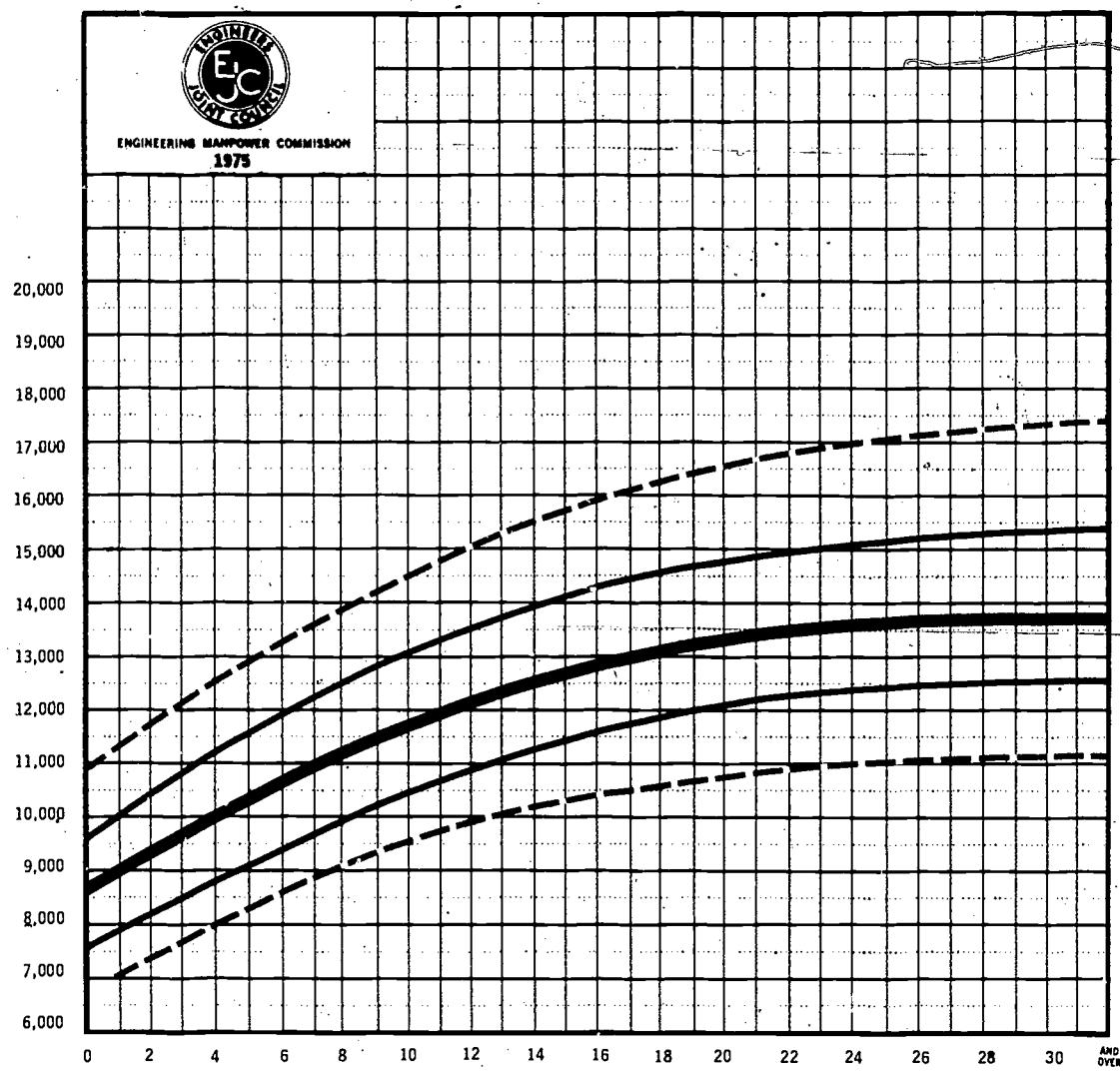
Upper Decile	— — —	TOTAL NUMBER	458	443	383	374	333	385	339	544
Upper Quartile	— — — —	NUMBERS OVER \$20000	2	5	22	32	42	41	33	47
Median	— — — — —	NUMBERS UNDER \$7000	1	0	0	3	0	2	2	0
Lower Quartile	— — — — — —									
Lower Decile	— — — — — — —									

NUMBER OF TECHNICIANS COVERED - 4907

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

ALL INDUSTRY, SOUTH  
ALL TECHNICIANS



LEGEND

Upper Decile  
Upper Quartile  
Median  
Lower Quartile  
Lower Decile

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	10950	11400	11750	12150	12550	12900	13250	13600	13900
UPPER QUARTILE	9600	10100	10400	10800	11150	11500	11850	12200	12500
MEDIAN	8600	8950	9300	9600	9950	10250	10550	10850	11150
LOWER QUARTILE	7550	7850	8150	8450	8750	9050	9350	9650	9900
LOWER DECILE	7050	7400	7700	7950	8250	8500	8800	9050	9300
MEAN	8750	9100	9450	9800	10150	10450	10800	11100	11350
TOTAL NUMBER	120	187	278	225	236	257	293	314	310
NUMBERS OVER >20000	0	0	0	0	0	0	0	0	1
NUMBERS UNDER <7000	31	18	5	3	6	4	6	5	2
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	14500	15300	15900	16400	16800	17050	17250	17450	17550
UPPER QUARTILE	13050	13750	14300	14700	14950	15150	15300	15400	15650
MEDIAN	11650	12350	12750	13200	13450	13600	13550	13650	13600
LOWER QUARTILE	10450	11100	11500	12000	12250	12400	12550	12550	12550
LOWER DECILE	9500	10350	10850	10750	11900	11000	11050	11100	11100
MEAN	11900	12550	13050	13400	13650	13800	13900	14000	14050
TOTAL NUMBER	716	493	516	428	459	469	407	468	467
NUMBERS OVER >20000	6	14	11	8	14	2	10	23	16
NUMBERS UNDER <7000	1	1	1	0	0	2	1	0	3

NUMBER OF TECHNICIANS COVERED - 6729

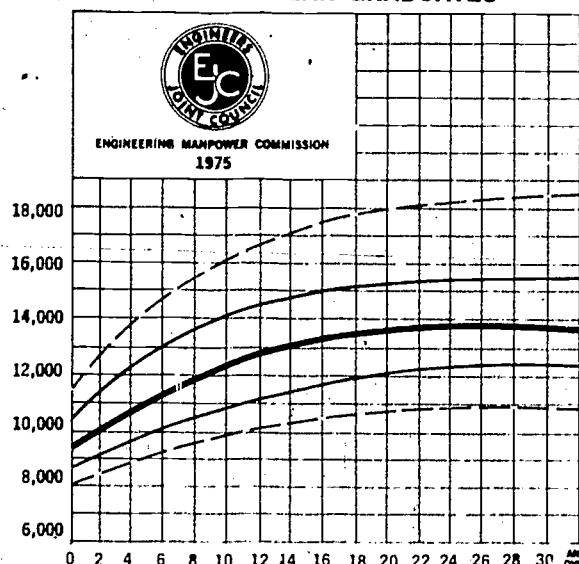
\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

# ALL INDUSTRY, SOUTH

Annual Salary by Equivalent

Years Since Graduation

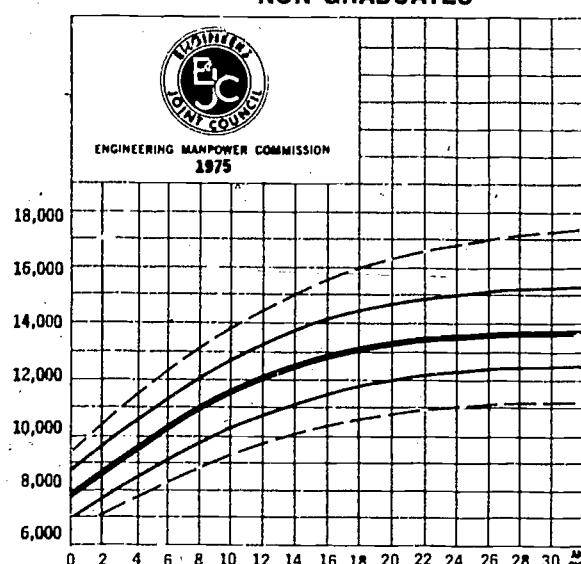
from Technical Institute\* **2-YEAR GRADUATES**



Annual Salary by Equivalent

Years Since Graduation

from Technical Institute\* **NON GRADUATES**



## **2-YEAR GRADUATES**

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	11600	12150	12700	13200	13700	14200	14650	15050	15450
UPPER QUARTILE	10400	10900	11350	11800	12200	12600	12950	13250	13550
MEDIAN	9450	9750	10100	10400	10700	11000	11300	11550	11800
LOWER QUARTILE	8750	9000	9250	9450	9650	9900	10100	10300	10500
LOWER DECILE	8050	8250	8500	8700	8850	9050	9250	9400	9600
MEAN	9700	10050	10400	10750	11050	11350	11650	11950	12200
TOTAL NUMBER	41	47	123	102	84	96	87	90	95
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	1
NUMBERS UNDER \$7000	2	4	1	1	0	1	3	2	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	16100	16910	17450	17850	18100	18250	18350	18450	18450
UPPER QUARTILE	14050	14600	14950	15200	15350	15450	15500	15550	15550
MEDIAN	12300	12550	13000	13550	13700	13750	13700	13600	13450
LOWER QUARTILE	10850	11350	11750	12050	12250	12350	12400	12350	12250
LOWER DECILE	9900	10250	10550	10750	10900	10950	10950	10900	10800
MEAN	12700	13240	13650	13900	14050	14150	14150	14150	14100
TOTAL NUMBER	235	170	115	81	85	76	63	60	41
NUMBERS OVER \$20000	6	13	10	5	7	6	4	9	3
NUMBERS UNDER \$7000	0	1	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 1744

## **NON-GRADUATES**

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	9650	10370	10500	10650	11400	11850	12300	12700	13100
UPPER QUARTILE	8750	9250	9700	10150	10550	10950	11350	11750	12100
MEDIAN	7900	8250	8550	9050	9400	9800	10150	10500	10800
LOWER QUARTILE	7350	7700	8050	8400	8750	9050	9400	9750	10000
LOWER DECILE	7200	7450	7750	8000	8300	8550	8800	9050	9300
MEAN	7950	8350	8750	9150	9550	9950	10310	10650	10950
TOTAL NUMBER	79	90	155	123	152	161	236	224	215
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	29	14	7	2	6	3	3	3	2
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	13850	14400	15600	16150	16600	16900	17150	17300	17400
UPPER QUARTILE	12750	13350	14150	14550	14850	15250	15700	15300	15300
MEDIAN	11450	12200	12750	13150	13400	13550	13600	13650	13600
LOWER QUARTILE	10700	11550	12000	12250	12400	12500	12550	12600	12600
LOWER DECILE	9700	10350	10700	10900	11050	11100	11100	11100	11100
MEAN	11550	12300	12950	13250	13550	13750	13850	13950	14000

NUMBER OF TECHNICIANS COVERED - 4955

### **LEGEND**

Upper Decile



Upper Quartile



Median



Lower Quartile



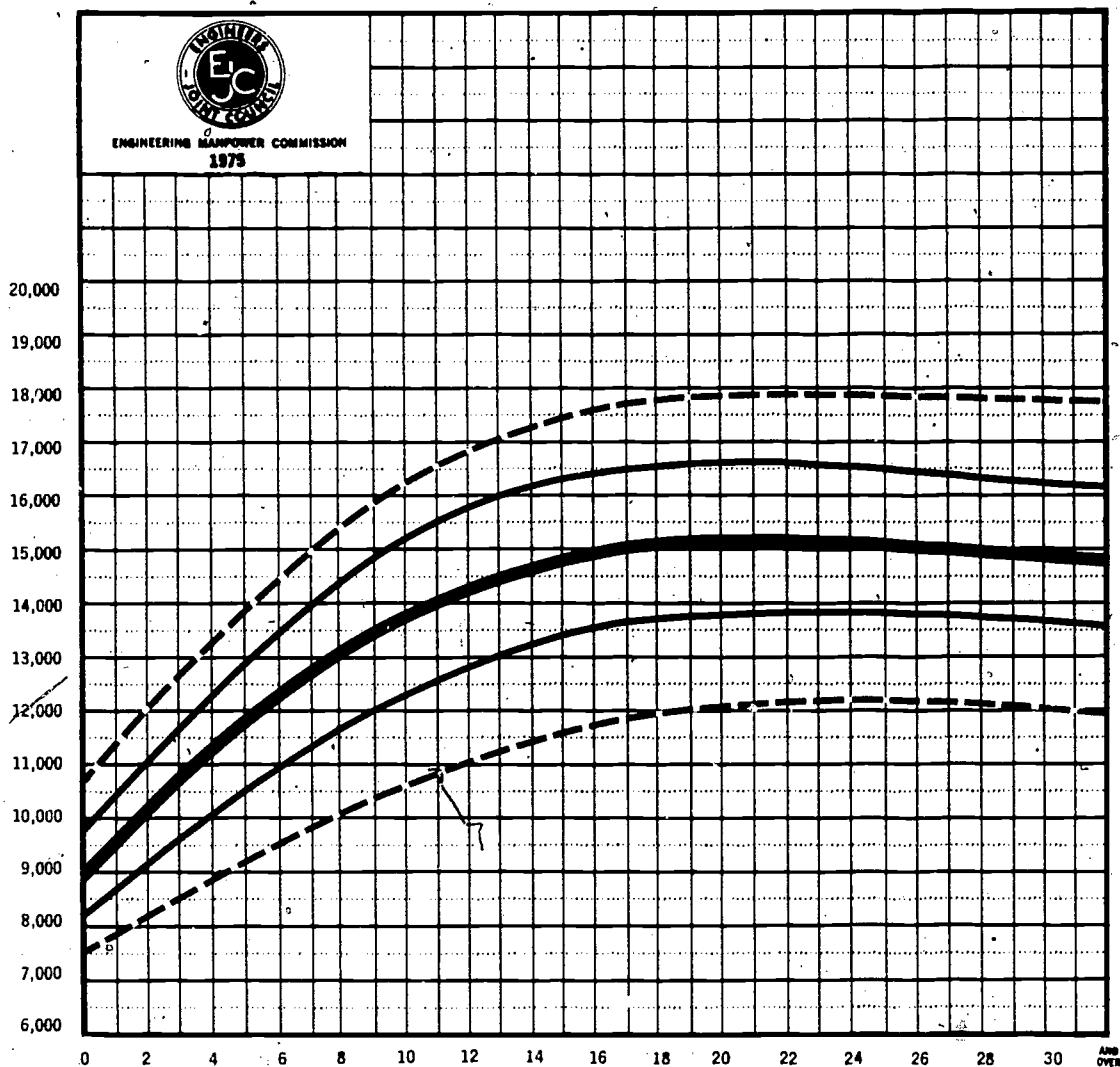
Lower Decile



\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

ALL INDUSTRY, WEST  
ALL TECHNICIANS



YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	10700	11350	12000	12650	13250	13850	14400	14950	15400
UPPER QUARTILE	9850	10450	11050	11700	12250	12850	13400	13900	14350
MEDIAN	9000	9610	10150	10700	11200	11750	12200	12700	13100
LOWER QUARTILE	8300	8750	9200	9600	10050	10500	10900	11250	11650
LOWER DECILE	7550	7850	8200	8500	8850	9150	9450	9750	10050
MEAN	9100	9650	10150	10700	11200	11700	12150	12550	12950
TOTAL NUMBER	28	107	85	97	112	91	120	114	96
NUMBERS OVER \$20000	0	0	0	1	0	0	0	0	0
NUMBERS UNDER \$7000	5	1	1	1	0	0	0	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	16200	17100	17600	17850	17900	17650	17400	17750	17700
UPPER QUARTILE	15150	15950	16400	16550	16550	16450	16300	16150	16050
MEDIAN	14700	14550	14950	15100	15100	15000	14900	14750	14650
LOWER QUARTILE	12300	13050	13550	13800	13850	13800	13700	13550	13350
LOWER DECILE	10600	11250	11700	12000	12100	12150	12100	11950	11750
MEAN	17650	14400	14800	15000	15050	15000	14900	14800	14750
TOTAL NUMBER	297	281	256	237	162	186	159	252	287
NUMBERS OVER \$20000	2	1	4	2	1	6	3	5	8
NUMBERS UNDER \$7000	1	0	0	0	0	0	0	0	0

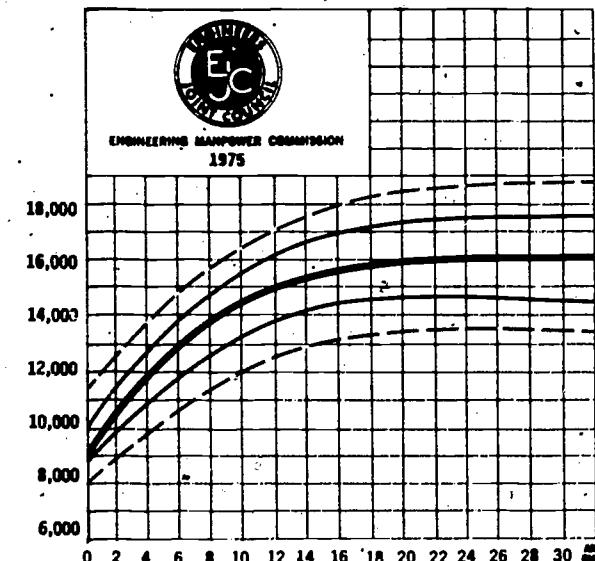
NUMBER OF TECHNICIANS COVERED - 2867

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

# ALL INDUSTRY, WEST

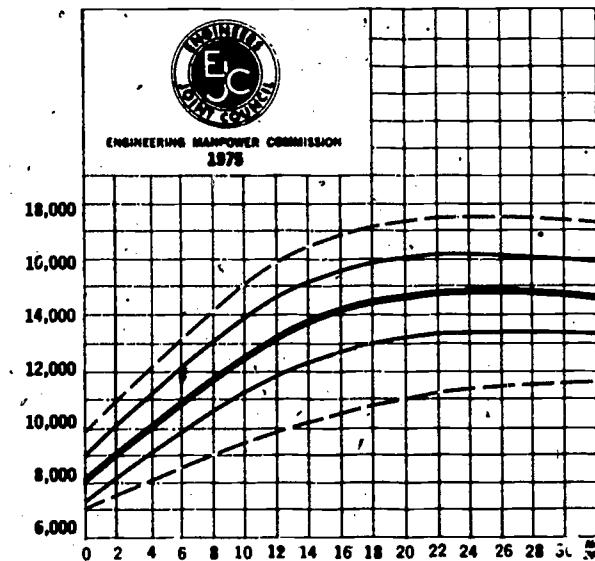
Annual Salary by Equivalent  
Years Since Graduation

from Technical Institute\* **2-YEAR GRADUATES**



Annual Salary by Equivalent  
Years Since Graduation

from Technical Institute\* **NON GRADUATES**



## **2-YEAR GRADUATES**

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	11400	12000	12550	13100	13650	14200	14700	15150	15600
UPPER QUARTILE	10100	10750	11400	12050	12650	13200	13750	14250	14700
MEDIAN	9150	9500	10500	11100	11700	12300	12850	13300	13750
LOWER QUARTILE	8850	9400	9900	10400	10850	11350	11750	12150	12550
LOWER DECILE	8100	8550	9000	9400	9850	10250	10650	11000	11350
MEAN	9500	10100	10650	11250	11750	12300	12750	13200	13650
TOTAL NUMBER	9	89	58	61	65	59	77	66	56
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	16400	17350	18000	18400	18650	18750	18750	18750	18700
UPPER QUARTILE	15500	16400	16950	17300	17450	17550	17600	17600	17600
MEDIAN	14500	15250	15650	15900	16000	16000	16050	16050	16050
LOWER QUARTILE	13200	13950	14350	14600	14650	14600	14550	14500	14400
LOWER DECILE	12000	12700	13150	13450	13550	13550	13550	13450	13400
MEAN	14350	15100	15600	15850	16000	16050	16050	16050	16050
TOTAL NUMBER	179	163	123	109	48	44	42	28	30
NUMBERS OVER \$20000	0	1	1	1	0	1	2	2	2
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 1306

## **NON-GRADUATES**

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	9900	10450	11050	11600	12150	12700	13200	13700	14200
UPPER QUARTILE	9000	9550	10350	10600	11150	11650	12150	12650	13100
MEDIAN	8100	8550	9300	9500	9950	10400	10900	11350	11750
LOWER QUARTILE	7300	7750	8150	8600	9000	9400	9800	10200	10600
LOWER DECILE	7050	7300	7600	7850	8100	8350	8600	8850	9050
MEAN	8300	8750	9250	9700	10150	10600	11050	11450	11850
TOTAL NUMBER	19	18	27	36	47	32	43	48	40
NUMBERS OVER \$20000	0	0	0	1	0	0	0	0	0
NUMBERS UNDER \$7000	5	1	1	1	0	0	0	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	15050	16100	16550	17250	17650	17650	17600	17300	17200
UPPER QUARTILE	13950	14650	15650	16000	16150	16150	16050	15950	15800
MEDIAN	12550	13500	14150	14550	14750	14800	14750	14600	14450
LOWER QUARTILE	11250	12100	12750	13100	13200	13400	13400	13350	13300
LOWER DECILE	9500	10750	10550	10900	11200	11400	11550	11700	11750

### **LEGEND**

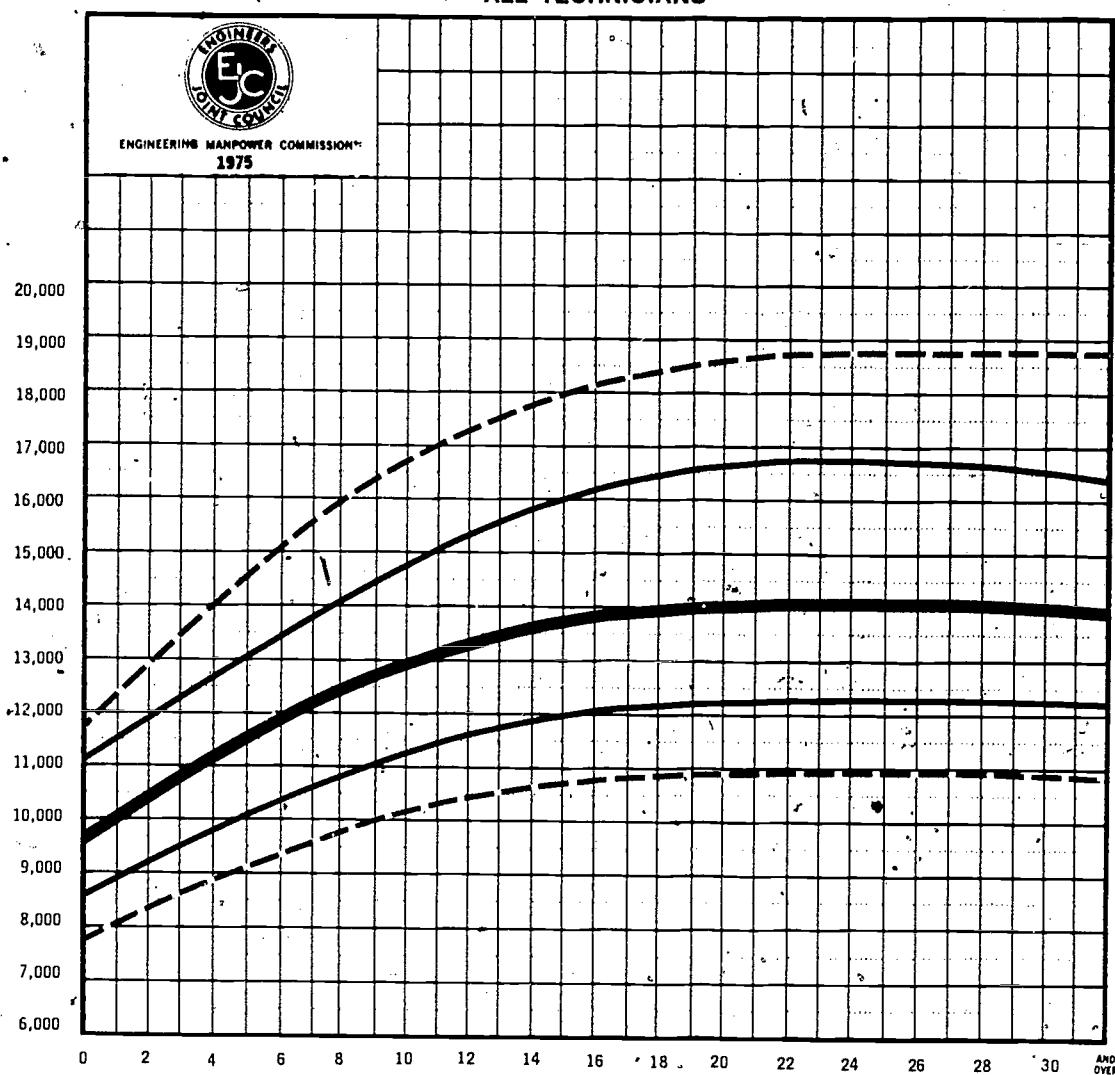
Upper Decile	—	—	—	—	—	—	—	—	—
Upper Quartile	—	—	—	—	—	—	—	—	—
Median	—	—	—	—	—	—	—	—	—
Lower Quartile	—	—	—	—	—	—	—	—	—
Lower Decile	—	—	—	—	—	—	—	—	—

NUMBER OF TECHNICIANS COVERED - 1661

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

ALL INDUSTRY, LARGE  
ALL TECHNICIANS



**LEGEND**

Upper Decile  
Upper Quartile  
Median  
Lower Quartile  
Lower Decile

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	16700	17550	18150	18500	18650	18750	18750	18750	18700
UPPER QUARTILE	14750	15550	16150	16550	16750	16750	16650	16400	16000
MEDIAN	12900	13450	13850	14000	14050	14050	14000	13900	13750
LOWER QUARTILE	11250	11750	12050	12200	12250	12250	12200	12150	12050
LOWER DECILE	10150	10550	10800	10900	10950	10950	10900	10800	10700
MEAN	13150	13750	14100	14350	14400	14400	14350	14300	14200
TOTAL NUMBER	2372	2037	1747	1580	1438	1331	1213	1631	1438
NUMBERS OVER \$20000	0	2	8	9	8	22	15	21	36
NUMBERS UNDER \$ 7000	1	1	1	0	0	1	1	0	1

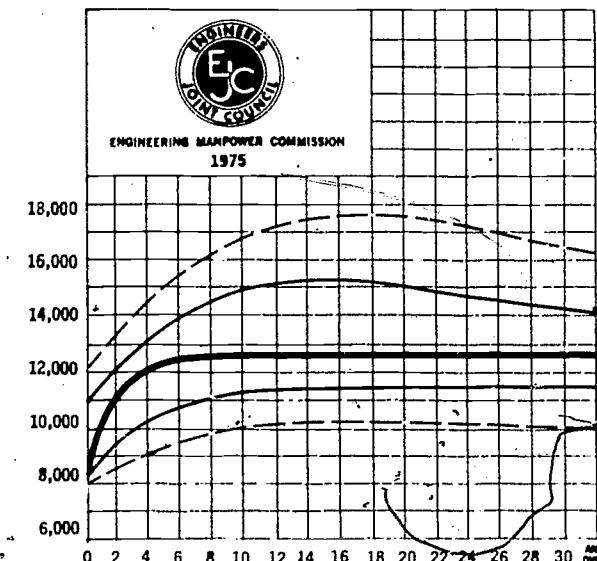
NUMBER OF TECHNICIANS COVERED - 20960

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

# ALL INDUSTRY, LARGE

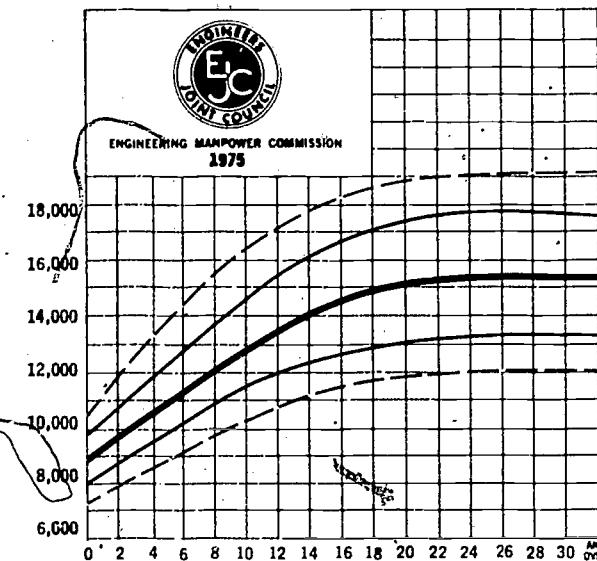
Annual Salary by Equivalent  
Years Since Graduation

from Technical Institute\* **2-YEAR GRADUATES**



Annual Salary by Equivalent  
Years Since Graduation

from Technical Institute\* **NON GRADUATES**



## 2-YEAR GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	12100	12650	13200	13750	14300	14800	15250	15700	16050
UPPER QUARTILE	11000	11550	12100	12600	13100	13500	13900	14250	14500
MEDIAN	8550	10150	11200	11850	12200	12400	12500	12550	12550
LOWER QUARTILE	8450	9000	9500	9900	10200	10450	10700	10850	11000
LOWER DECILE	8000	8350	8600	8900	9150	9350	9550	9700	9850
MEAN	9850	10400	10900	11350	11750	12100	12400	12650	12850
TOTAL NUMBER	107	263	376	412	398	456	535	583	609
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	4	1	1	0	0	0	0	0	1
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	16750	17400	17650	17650	17400	17050	16700	16250	15750
UPPER QUARTILE	14950	15250	15250	15100	14800	14550	14300	14050	13850
MEDIAN	12600	12600	12600	12600	12600	12600	12600	12600	12600
LOWER QUARTILE	11200	11350	11400	11450	11450	11450	11450	11450	11450
LOWER DECILE	10650	11200	10250	10200	10150	10100	10050	10000	9950
MEAN	13150	13300	13300	13250	13150	13050	13000	12950	12950
TOTAL NUMBER	1301	1055	797	720	590	553	486	662	699
NUMBERS OVER \$20000	0	2	5	4	3	13	7	12	17
NUMBERS UNDER \$7000	0	1	0	0	0	1	0	0	0

NUMBER OF TECHNICIANS COVERED - 10602

## NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	10500	11150	11650	12500	13200	13850	14450	15050	15550
UPPER QUARTILE	9850	10350	10850	11350	11850	12350	12850	13300	13800
MEDIAN	8900	9300	9700	10150	10550	10950	11350	11750	12150
LOWER QUARTILE	8050	8450	8800	9150	9500	9850	10200	10550	10850
LOWER DECILE	7300	7600	7950	8250	8550	8850	9150	9450	9700
MEAN	9000	9450	9850	10300	10750	11200	11600	12000	12400
TOTAL NUMBER	50	119	222	220	287	339	321	412	464
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	4	6	2	1	1	0	1	1	1
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	16550	17650	18350	18750	19000	19100	19100	19100	19100
UPPER QUARTILE	14650	15800	16700	17300	17650	17750	17750	17600	17350
MEDIAN	12850	13800	14500	14950	15250	15350	15350	15250	15050
LOWER QUARTILE	11450	12150	12700	13050	13250	13350	13350	13250	13150
LOWER DECILE	10250	10900	11400	11750	11950	12050	12050	12000	11850
MEAN	13100	14000	14650	15100	15350	15400	15400	15350	15250

### LEGEND

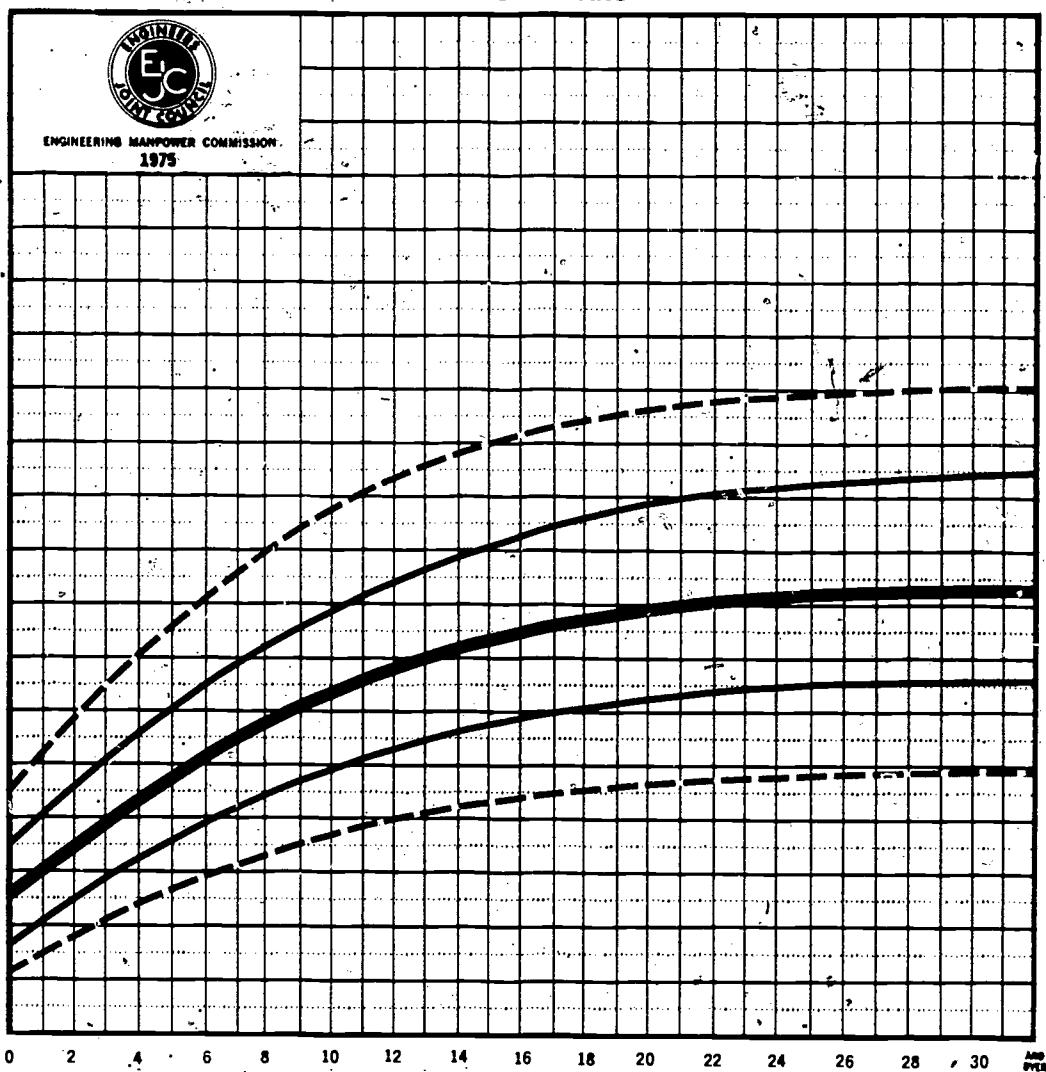
Upper Decile	-----	TOTAL NUMBER	1971	982	950	860	848	778	727	969	739
Upper Quartile	=====	NUMBERS OVER \$20000	0	0	3	1	5	9	8	9	19
Median	=====	NUMBERS UNDER \$7000	4	6	2	1	0	0	1	0	1
Lower Quartile	=====										
Lower Decile	=====										

NUMBER OF TECHNICIANS COVERED - 10358

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

ALL INDUSTRY, MEDIUM  
ALL TECHNICIANS



YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	10600	11250	11900	12500	13050	13600	14100	14600	15000
UPPER QUARTILE	9600	10150	10650	11100	11600	12050	12450	12050	13250
MEDIAN	8600	9050	9500	9950	10350	10750	11100	11450	11750
LOWER QUARTILE	7750	8150	8500	8900	9250	9550	9900	10150	10450
LOWER DECILE	7280	7500	7800	8100	8400	8650	8900	9100	9300
MEAN	8850	9300	9750	10150	10550	10950	11300	11650	11950
TOTAL NUMBER	214	355	430	425	427	424	462	442	494
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	1
NUMBERS UNDER \$7000	55	16	8	9	10	6	4	2	2

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	15750	16600	17150	17550	17800	17950	18000	18050	18100
UPPER QUARTILE	13900	14750	15350	15800	16100	16300	16400	16500	16550
MEDIAN	12300	13000	13450	13800	14050	14200	14250	14300	14350
LOWER QUARTILE	10900	11500	11900	12200	12350	12500	12550	12600	12600
LOWER DECILE	9650	10100	10400	10650	10750	10850	10900	10750	10950
MEAN	12500	13150	13650	14000	14200	14350	14450	14500	14550
TOTAL NUMBER	1100	900	778	692	620	666	605	889	897
NUMBERS OVER \$20000	9	16	15	17	26	12	24	34	35
NUMBERS UNDER \$7000	5	1	1	2	0	3	2	2	2

NUMBER OF TECHNICIANS COVERED - 10620

LEGEND

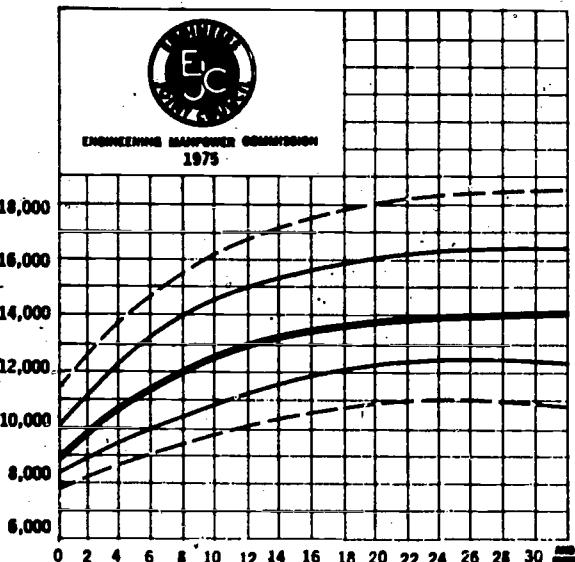
- Upper Decile -----
- Upper Quartile -----
- Median -----
- Lower Quartile -----
- Lower Decile -----

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

# ALL INDUSTRY, MEDIUM

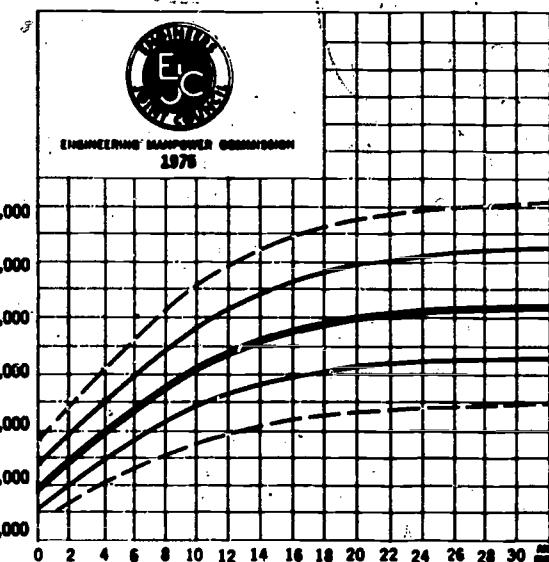
Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

## 2-YEAR GRADUATES



Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

## NON GRADUATES



## 2-YEAR GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	11500	12050	12600	13150	13700	14150	14600	15050	15450
UPPER QUARTILE	10100	10650	11200	11700	12200	12650	13050	13450	13800
MEDIAN	9000	9450	9900	10300	10700	11100	11480	11750	12000
LOWER QUARTILE	8500	8750	9000	9250	9500	9750	10000	10200	10450
LOWER DECILE	7800	8050	8250	8450	8650	8850	9050	9250	9450
MEAN	9400	9800	10250	10600	11000	11350	11650	12000	12250
TOTAL NUMBER	85	261	269	250	226	205	237	180	219
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	1
NUMBERS UNDER \$7000	13	4	2	4	1	3	3	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	16150	16950	17550	18250	18650	18950	19600	18650	18650
UPPER QUARTILE	14450	15150	15650	16000	16200	16350	16400	16450	16500
MEDIAN	12500	13050	13450	13750	13900	14000	14050	14100	14100
LOWER QUARTILE	10850	11450	11900	12200	12400	12650	12650	12300	11950
LOWER DECILE	9800	10250	10600	10850	11000	11050	11050	10800	10400
MEAN	12750	13350	13800	14100	14300	14400	14500	14500	14550
TOTAL NUMBER	444	323	208	159	142	141	102	118	76
NUMBERS OVER \$20000	0	14	32	6	9	3	5	11	5
NUMBERS UNDER \$7000	0	1	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 3646

## NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	9650	10300	10900	11550	12150	12750	13300	13800	14300
UPPER QUARTILE	8750	9350	9900	10450	11000	11500	12000	12450	12900
MEDIAN	7900	8400	8950	9450	9900	10400	10800	11200	11600
LOWER QUARTILE	7150	7650	8100	8500	8950	9300	9700	10000	10350
LOWER DECILE	7000	7400	7700	8050	8350	8650	8900	9150	
MEAN	8100	8600	9100	9600	10050	10500	10670	11300	11650
TOTAL NUMBER	129	94	161	175	201	219	225	262	275
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	42	12	6	5	9	3	1	2	2
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	15150	16200	16800	17400	17750	17950	18050	18150	18150
UPPER QUARTILE	13650	14600	15250	15750	16050	16250	16400	16450	16500
MEDIAN	12250	13000	13500	13850	14100	14200	14300	14350	14350
LOWER QUARTILE	10900	11500	11950	12250	12450	12550	12600	12650	12650
LOWER DECILE	9550	10050	10400	10600	10750	10850	10900	10950	10950
MEAN	12300	13050	13600	13950	14200	14350	14450	14500	14500
TOTAL NUMBER	656	577	578	533	478	525	503	770	821
NUMBERS OVER \$20000	0	2	3	11	17	9	19	23	30
NUMBERS UNDER \$7000	5	0	1	2	0	3	2	2	2

NUMBER OF TECHNICIANS COVERED - 7174

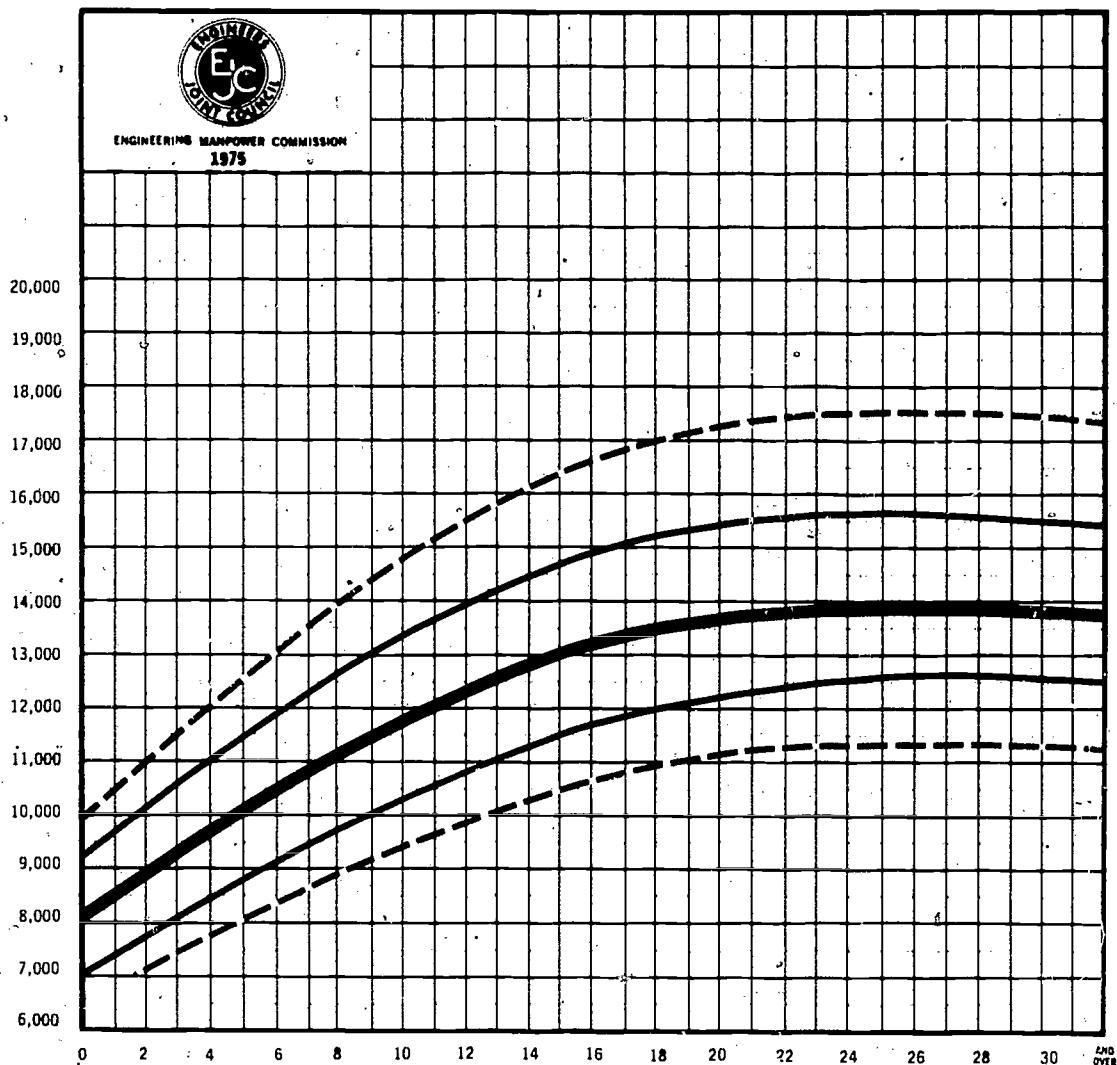
### LEGEND

Upper Decile	— — — —
Upper Quartile	— — — — —
Median	— — — — — —
Lower Quartile	— — — — — — —
Lower Decile	— — — — — — — —

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

ALL INDUSTRY, SMALL  
ALL TECHNICIANS



YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	10000	11500	11000	11500	12000	12500	13000	13450	13950
UPPER QUARTILE	9200	9650	10100	10550	11000	11400	11850	12250	12650
MEDIAN	8100	8500	8900	9300	9650	10250	10450	10800	11150
LOWER QUARTILE	7050	7400	7750	8050	8400	8750	9050	9400	9700
LOWER DECILE	6500	7150	7450	7750	8050	8300	8600	8900	9200
MEAN	8250	8650	9050	9400	9800	10200	10550	10950	11300
TOTAL NUMBER	107	119	152	207	178	169	228	215	205
NUMBERS OVER \$20,000	0	0	0	0	1	0	0	0	0
NUMBERS UNDER \$7000	33	15	10	16	3	3	1	4	4
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	14800	15850	16650	17150	17450	17500	17500	17350	17100
UPPER QUARTILE	13350	14300	14950	15350	15550	15600	15550	15450	15250
MEDIAN	11830	12600	13200	13600	13800	13900	13850	13750	13600
LOWER QUARTILE	10300	11100	11750	12200	12450	12600	12600	12500	12300
LOWER DECILE	9400	10400	10650	11000	11250	11300	11350	11250	11100
MEAN	11950	12800	13450	13850	14100	14200	14200	14100	13900
TOTAL NUMBER	429	432	350	329	261	274	242	330	411
NUMBERS OVER \$20,000	6	2	9	7	16	8	11	12	13
NUMBERS UNDER \$7000	0	0	1	1	0	2	0	0	0

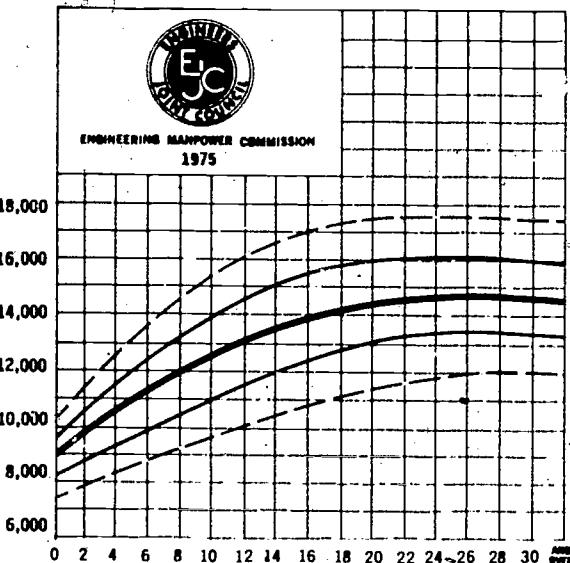
NUMBER OF TECHNICIANS COVERED - 4638

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

# ALL INDUSTRY, SMALL

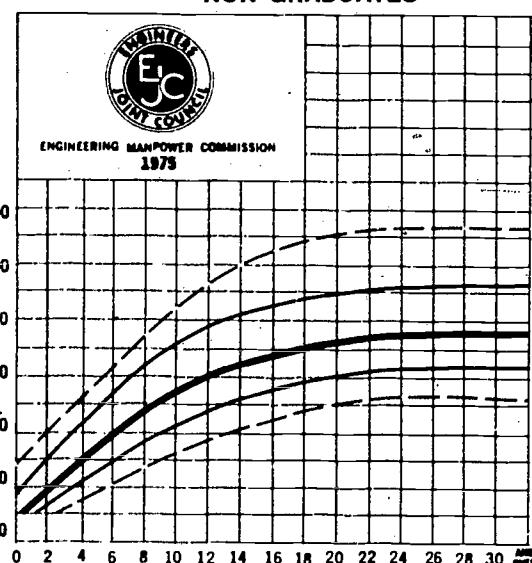
Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

## 2-YEAR GRADUATES



Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

## NON GRADUATES



## 2-YEAR GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	10250	10850	11400	12000	12550	13050	13600	14100	14550
UPPER QUARTILE	9650	10100	10600	11050	11500	11950	12350	12800	13200
MEDIAN	9000	9400	9750	10100	10450	10800	11150	11500	11850
LOWER QUARTILE	8200	8450	8700	9000	9250	9550	9800	10100	10350
LOWER DECILE	7550	7750	7950	8150	8350	8550	8800	9000	9200
MEAN	9050	9400	9750	10100	10450	10800	11150	11500	11850
TOTAL NUMBER	47	77	85	81	68	69	76	69	86
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	1	1	1	1	0	0	0	2	1
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	15400	16350	17000	17400	17550	17600	17600	17550	17500
UPPER QUARTILE	13900	14850	15500	15900	16050	16100	16050	15900	15700
MEDIAN	12450	13300	13900	14350	14600	14700	14650	14450	14050
LOWER QUARTILE	10900	11650	12350	12900	13300	13500	13500	13300	12450
LOWER DECILE	9650	10250	10800	11300	11650	11900	12050	11950	11400
MEAN	12500	13350	14000	14450	14750	14850	14800	14650	14300
TOTAL NUMBER	157	143	106	105	63	65	51	67	78
NUMBERS OVER \$20000	1	0	5	4	7	3	3	4	5
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 1493

## NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	8850	9450	10050	10650	11250	11850	12400	12950	13500
UPPER QUARTILE	7750	8400	9100	9700	10350	10900	11450	11950	12400
MEDIAN	7450	8000	8500	9000	9500	9950	10400	10800	10800
LOWER QUARTILE	7000	7350	7750	8150	8500	8900	9250	9550	9550
LOWER DECILE	6700	7200	7500	7800	8100	8400	8700	9000	9700
MEAN	7400	7050	8350	8850	9300	9750	10200	10600	11000
TOTAL NUMBER	60	42	67	126	110	100	152	146	119
NUMBERS OVER \$20000	0	0	0	0	1	0	0	0	0
NUMBERS UNDER \$7000	32	14	9	17	3	3	1	2	3
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	14450	15650	15450	16950	17200	17250	17300	17250	17200
UPPER QUARTILE	13150	14000	14550	14950	15100	15200	15250	15300	15300
MEDIAN	11450	12300	12650	13200	13400	13550	13600	13650	13650
LOWER QUARTILE	10200	11000	11600	11950	12200	12300	12350	12350	12350
LOWER DECILE	9250	9950	10500	10900	11150	11250	11250	11150	10950

### LEGEND

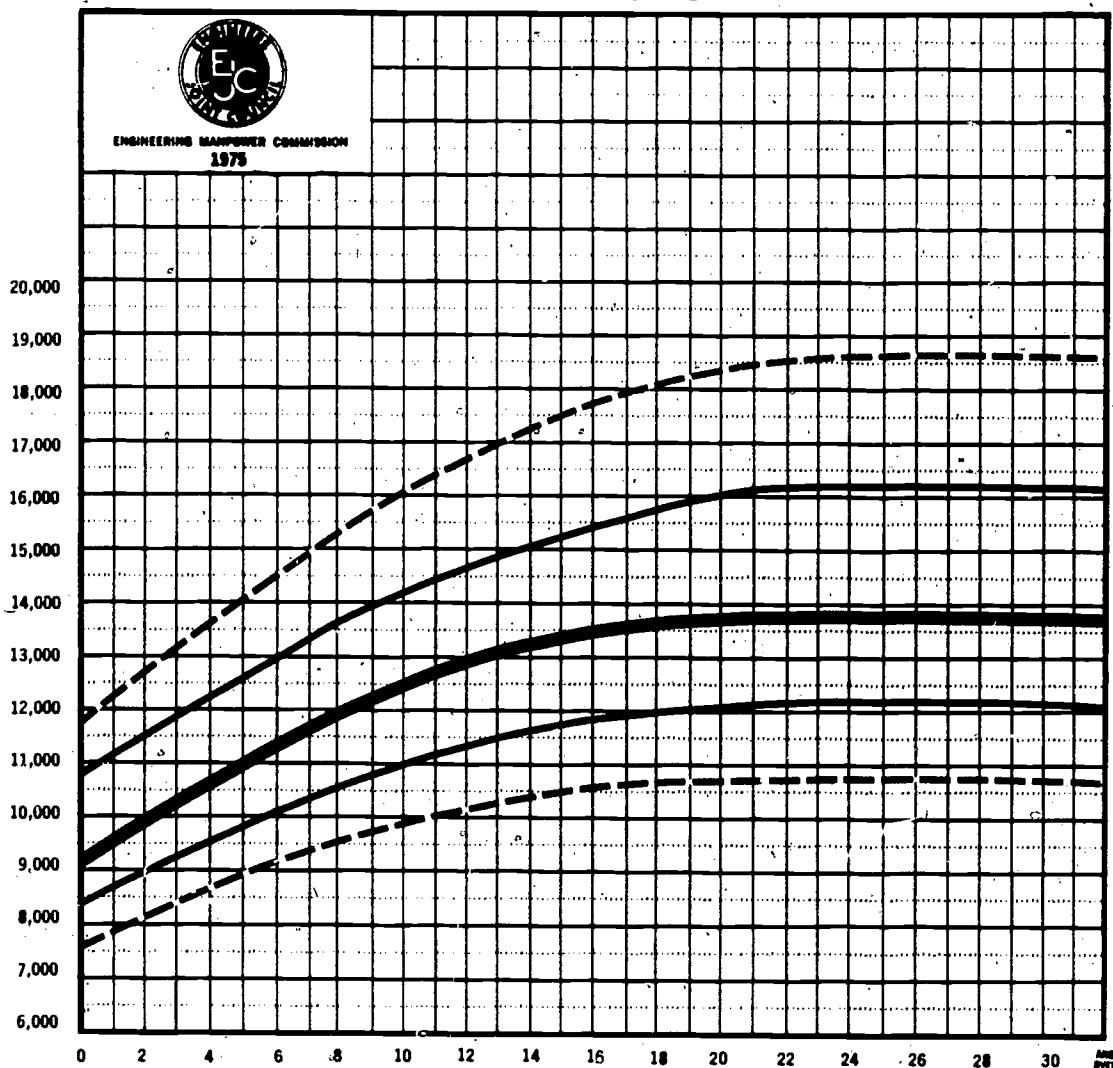
Upper Decile	— — —
Upper Quartile	— — — —
Median	— — — — —
Lower Quartile	— — — — — —
Lower Decile	— — — — — — —

NUMBER OF TECHNICIANS COVERED - 3145

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institutes\*

ALL MANUFACTURING INDUSTRY  
ALL TECHNICIANS



YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	11800	12250	12750	13200	13650	14100	14550	14950	15350
UPPER QUARTILE	10950	11300	11650	11950	12300	12650	12950	13200	13500
MEDIAN	9300	9700	10050	10400	10700	11050	11350	11650	11950
LOWER QUARTILE	8450	8750	9050	9350	9600	9850	10100	10350	10600
LOWER DECILE	7700	8000	8250	8500	8750	9000	9200	9400	9600
MEAN	9650	10000	10350	10700	11050	11350	11650	11950	12200
TOTAL NUMBER	238	505	744	827	801	958	998	1141	128*
NUMBERS OVER \$20000	0	0	0	0	0	1	0	0	2
NUMBERS UNDER \$7000	14	13	3	5	0	1	0	1	2

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	16100	17050	17750	18250	19500	18650	18550	18350	18350
UPPER QUARTILE	14150	14450	14800	15850	16100	16200	16200	16100	15450
MEDIAN	12670	13000	13400	13600	13750	13750	13750	13650	13550
LOWER QUARTILE	11000	11500	11850	12050	12150	12150	12150	12050	11950
LOWER DECILE	9950	10350	10550	10750	10750	10750	10750	10700	10650
MEAN	12700	13300	13750	14000	14150	14200	14200	14100	14000
TOTAL NUMBER	2748	2449	2045	1904	1762	1663	1570	2133	1989
NUMBERS OVER \$20000	5	7	35	38	39	47	75	54	99
NUMBERS UNDER \$7000	0	2	1	2	0	3	3	2	3

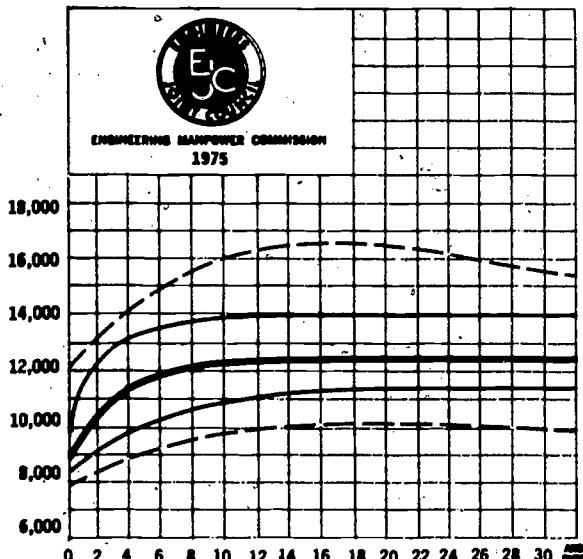
NUMBER OF TECHNICIANS COVERED - 25704

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

# ALL MANUFACTURING INDUSTRY

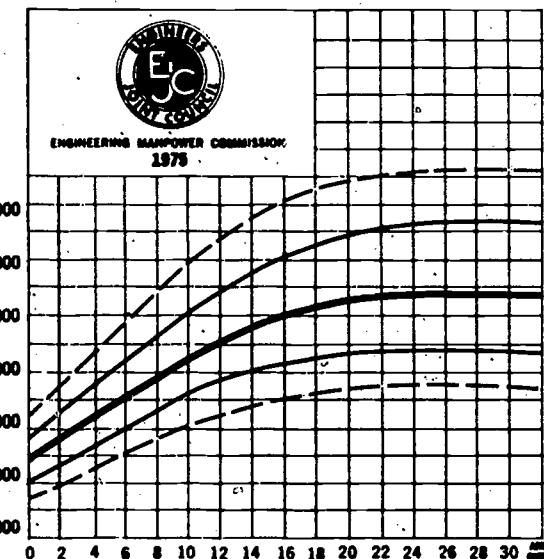
**Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\***

## 2-YEAR GRADUATES



**Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\***

## NON GRADUATES



## 2-YEAR GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	12100	12650	13150	13600	14050	14500	14850	15200	15550
UPPER QUARTILE	10000	11700	12700	12400	13200	13500	13650	13750	13850
MEDIAN	8950	9400	10500	11050	11400	11700	11900	12050	12150
LOWER QUARTILE	8450	8550	9200	9550	9850	10100	10300	10500	10650
LOWER DECILE	7950	8200	9450	9700	9900	9100	9400	9450	9600
MEAN	9500	10150	10750	11200	11550	11850	12050	12250	12350
TOTAL NUMBER	150	150	466	529	452	517	577	624	672
NUMBERS OVER \$20000	0	0	0	0	0	1	0	0	2
NUMBERS UNDER \$7000	4	5	1	0	0	1	0	0	1
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	16050	16500	16850	16350	16050	15750	15400	15050	
UPPER QUARTILE	13900	13950	13950	14000	14000	14000	14000	14000	
MEDIAN	12250	12350	12350	12400	12400	12400	12400	12400	
LOWER QUARTILE	10900	11100	11200	11300	11400	11400	11400	11400	
LOWER DECILE	9400	10050	10100	10150	10100	10050	9950	9950	
MEAN	12500	12710	12750	12800	12800	12800	12800	12800	
TOTAL NUMBER	1446	1164	953	776	648	510	536	739	754
NUMBERS OVER \$20000	3	2	16	8	0	1	1	3	6
NUMBERS UNDER \$7000	0	2	0	0	0	1	0	0	0

NUMBER OF TECHNICIANS COVERED - 11883

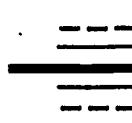
## NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	10450	11750	11650	12250	12800	13400	13950	14500	15050
UPPER QUARTILE	9750	10200	10650	11100	11600	12050	12500	12950	13400
MEDIAN	8850	9250	9650	10000	10400	10800	11150	11500	11850
LOWER QUARTILE	8050	8400	8750	9100	9400	9750	10050	10250	10650
LOWER DECILE	7400	7700	8000	8300	8550	8850	9100	9400	9650
MEAN	8900	9350	9750	10150	10600	11000	11350	11750	12100
TOTAL NUMBER	88	155	274	298	349	421	411	517	611
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	10	8	2	5	0	0	0	1	1
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	16000	17250	18100	15700	19050	19200	19250	19200	19100
UPPER QUARTILE	14200	15300	16150	15750	17100	17250	17300	17250	17050
MEDIAN	12550	13400	14050	14450	14700	14800	14800	14700	14450
LOWER QUARTILE	11200	11950	12350	12700	12650	12850	12800	12700	12450
LOWER DECILE	10100	10650	11050	11300	11450	11450	11450	11350	11200
MEAN	12800	13650	14300	14700	14950	15050	15050	14950	14800
TOTAL NUMBER	1302	1285	1192	1128	1114	1053	994	1394	1235
NUMBERS OVER \$20000	2	5	22	30	39	46	35	51	93
NUMBERS UNDER \$7000	0	1	2	0	0	2	3	2	3

NUMBER OF TECHNICIANS COVERED - 13821

### LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

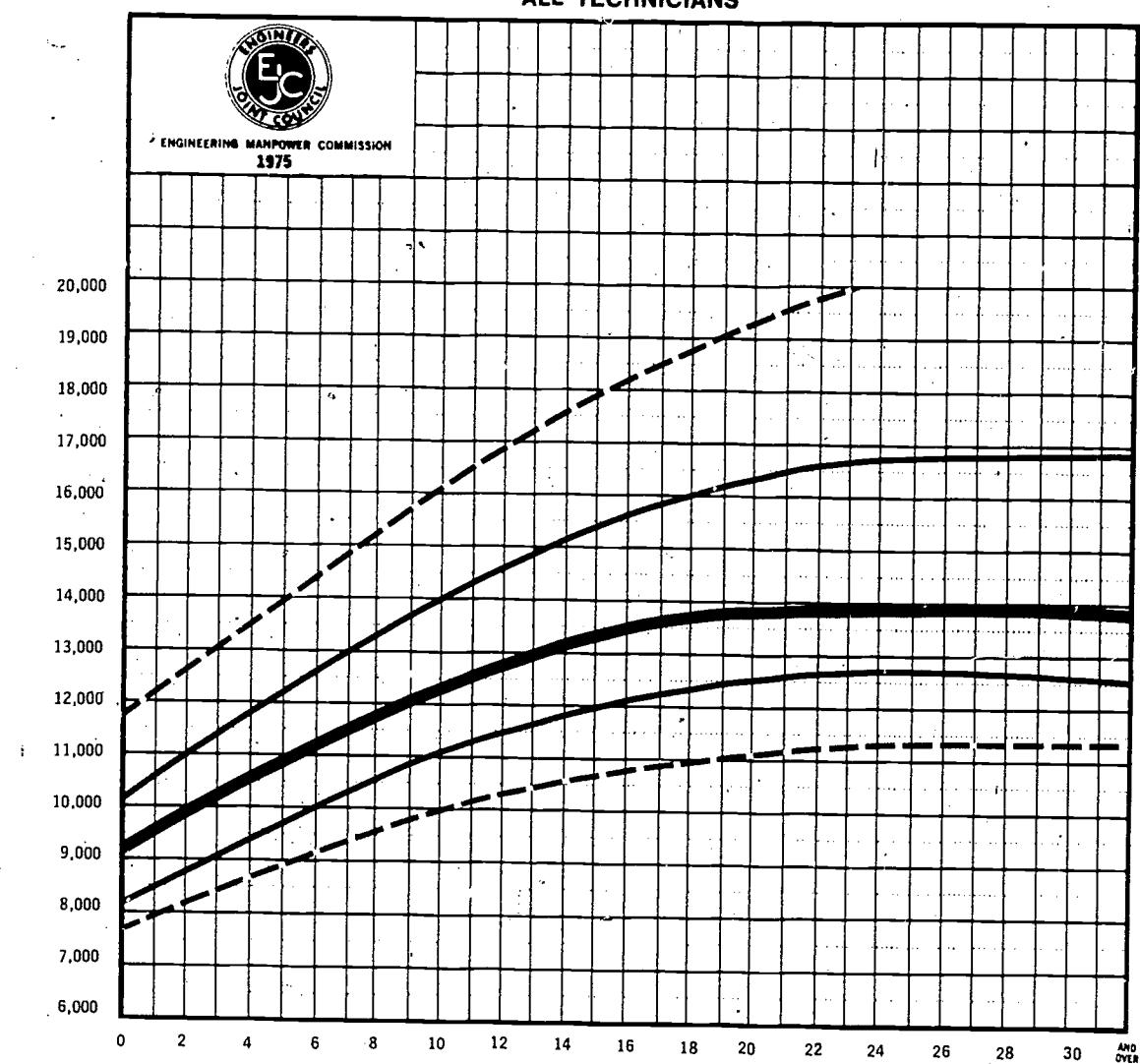


\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

## ALL MECHANICAL PRODUCTS

### ALL TECHNICIANS



	YEARS	0	1	2	3	4	5	6	7	8
Upper Decile	11400	12200	12650	13050	13500	13950	14350	14800	15250	
Upper Quartile	10200	10600	11000	11400	11800	12200	12600	12950	13300	
Median	9150	9500	9850	10200	10550	10900	11250	11550	11850	
Lower Quartile	8250	8550	8850	9150	9450	9750	10000	10300	10650	
Lower Decile	7700	8000	8250	8450	8700	8950	9200	9400	9600	
MEAN	9500	9800	10150	10500	10850	11150	11500	11800	12100	
TOTAL NUMBER	59	103	130	159	155	148	149	169	204	
NUMBERS OVER 82000	0	0	0	0	0	1	0	0	2	
NUMBERS UNDER 7000	2	4	1	1	0	0	0	0	0	

	YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
Upper Decile	16100	17100	18350	19250	19850					
Upper Quartile	14000	14900	15550	16200	16550	16750	16810	16800	16700	
Median	12350	13000	13500	13800	13950	13950	13950	13950	13950	
Lower Quartile	11050	11550	12100	12450	12800	12650	12600	12500	12700	
Lower Decile	10800	10500	10850	11100	11250	11350	11350	11350	11350	
MEAN	12700	13400	14000	14400	14650	14800	14800	14750	14650	
TOTAL NUMBER	444	444	374	391	343	359	370	451	568	
NUMBERS OVER 72000	4	6	33	33	34	41	29	42	77	
NUMBERS UNDER 7000	0	0	0	0	0	0	0	0	0	

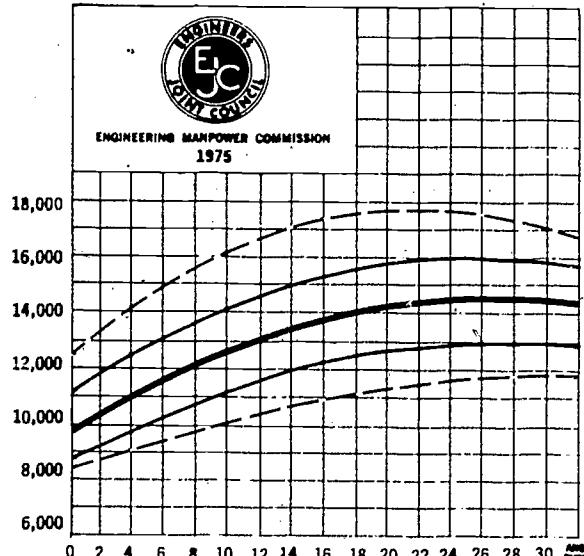
NUMBER OF TECHNICIANS COVERED = 4954

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

# ALL MECHANICAL PRODUCTS

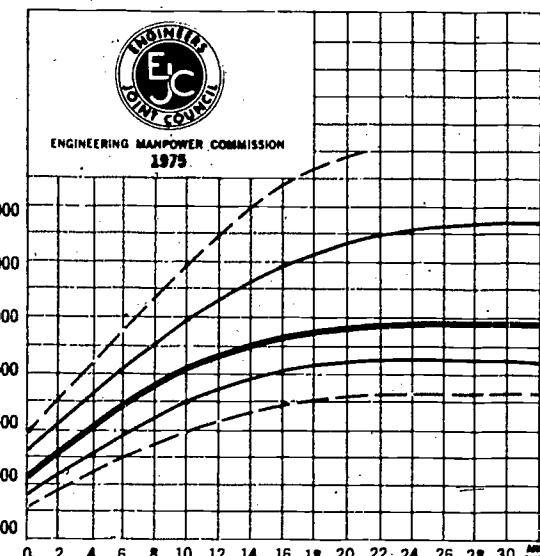
**Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\***

## 2-YEAR GRADUATES



**Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\***

## NON GRADUATES



## 2-YEAR GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	12550	12150	13350	13750	14150	14500	14850	15200	15550
UPPER QUARTILE	11150	11450	11800	12100	12400	12700	13000	13300	13600
MEDIAN	9450	10150	10400	10700	11000	11300	11550	11850	12100
LOWER QUARTILE	8800	9150	9300	9550	9800	10050	10300	10500	10750
LOWER DECILE	8450	8600	8800	9150	9100	9250	9450	9600	9750
MEAN	10150	10450	10750	11000	11300	11600	11850	12150	12400

TOTAL NUMBER	27	68	91	99	69	82	67	75	82
NUMBERS OVER \$20000	0	0	0	0	0	1	0	0	2
NUMBERS UNDER \$7000	0	0	0	0	0	1	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	16150	16900	17400	17650	17700	17550	17250	16750	16450
UPPER QUARTILE	14100	14800	15350	15750	15950	16000	15950	15700	15650
MEDIAN	12500	13250	13750	14150	14350	14450	14550	14750	14850
LOWER QUARTILE	11200	11750	12250	12600	12850	12950	13050	12900	12650
LOWER DECILE	10050	10500	10900	11250	11550	11750	11850	11850	11500
MEAN	12900	13500	14000	14350	14550	14600	14550	14350	13900

TOTAL NUMBER	192	141	113	123	64	60	51	75	73
NUMBERS OVER \$20000	2	1	11	5	6	0	9	1	2
NUMBERS UNDER \$7000	0	0	3	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED = 1552

## NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	10000	10550	11150	11750	12350	12950	13550	14150	14750
UPPER QUARTILE	9250	9700	10200	10650	11150	11600	12100	12550	13000
MEDIAN	8250	8750	9200	9650	10100	10500	10900	11300	11600
LOWER QUARTILE	7600	7950	8350	8700	9050	9400	9750	10050	10400
LOWER DECILE	7100	7400	7750	8050	8400	8700	9000	9250	9500
MEAN	8500	8900	9350	9800	10200	10650	11150	11450	11850

TOTAL NUMBER	32	76	79	60	86	66	42	94	122
NUMBERS OVER \$20000	2	0	3	0	3	0	0	0	0
NUMBERS UNDER \$7000	2	4	1	1	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	15900	17500	18700	19600	16950	17200	17300	17350	17700
UPPER QUARTILE	13900	14900	15900	15550	16950	17200	17300	17350	17700
MEDIAN	12200	12900	13350	12550	13700	13750	13750	13700	13700
LOWER QUARTILE	10950	11650	12100	12400	12550	12650	12650	12400	12300
LOWER DECILE	9950	10500	10450	11100	11250	11250	11250	11250	11250
MEAN	12550	13400	14050	14500	14700	14800	14800	14700	14700

TOTAL NUMBER	252	303	265	248	279	294	349	376	495
NUMBERS OVER \$20000	2	5	22	28	34	41	29	41	75
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED = 3402

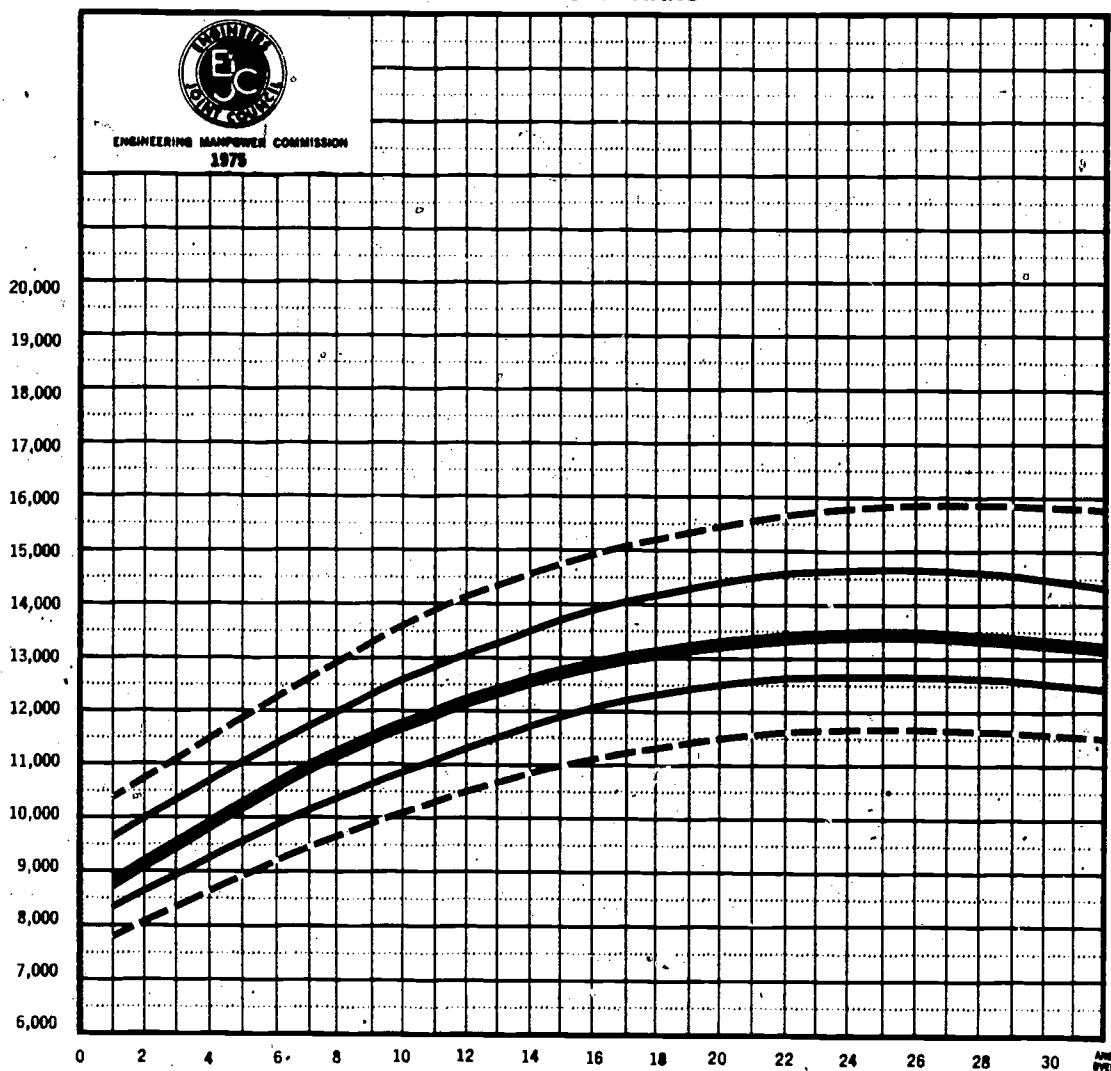
\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

### LEGEND

Upper Decile	---
Upper Quartile	—
Median	—
Lower Quartile	—
Lower Decile	---

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute.

AEROSPACE  
ALL TECHNICIANS



YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	10450	10850	11200	11550	11900	12250	12600	12900	13200
UPPER QUARTILE	9700	10550	10600	10700	11050	11400	11700	12000	12300
MEDIAN	9400	9150	9500	9850	10200	10550	10850	11150	11450
LOWER QUARTILE	8400	8700	8950	9250	9500	9800	10050	10350	10650
LOWER DECILE	7900	8150	8400	8650	8900	9150	9400	9600	9800
MEAN	9050	9350	9650	10000	10300	10600	10900	11200	11500
TOTAL NUMBER	0	0	10	10	29	26	30	42	56
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$ 7000	0	0	0	0	0	0	0	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	13550	14350	14950	15400	15850	15800	15850	15750	15550
UPPER QUARTILE	12600	13350	13950	14400	14600	14650	14600	14350	13850
MEDIAN	11700	12450	12950	13250	13400	13400	13300	13100	12700
LOWER QUARTILE	10850	11500	12050	12400	12650	12700	12650	12450	11950
LOWER DECILE	10050	10650	11100	11450	11650	11700	11650	11500	11100
MEAN	11750	12450	13000	13350	13550	13600	13550	13400	13050
TOTAL NUMBER	133	154	120	121	152	140	111	150	163
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$ 7000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 1455

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

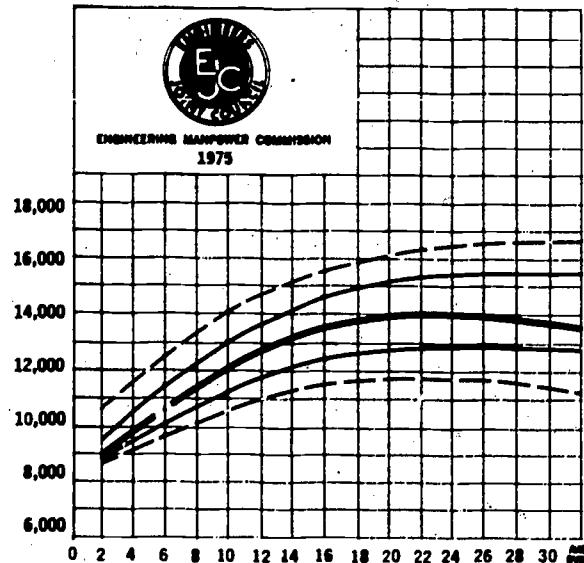
# AEROSPACE

Annual Salary by Equivalent

Years Since Graduation

from Technical Institute\*

## 2-YEAR GRADUATES

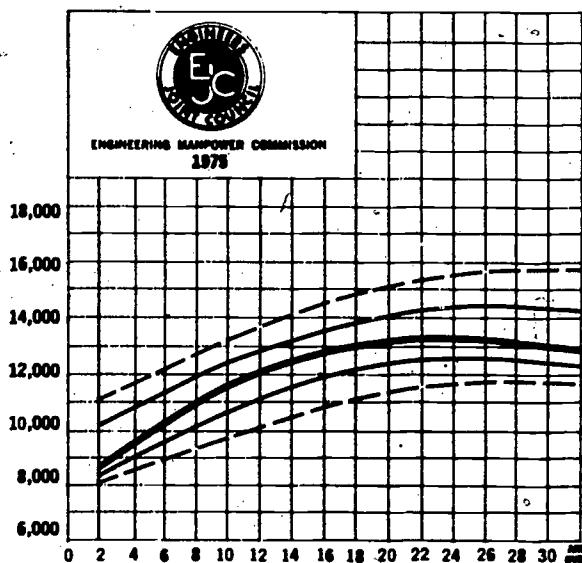


Annual Salary by Equivalent

Years Since Graduation

from Technical Institute\*

## NON GRADUATES



## 2-YEAR GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	0	0	10650	11150	11600	12050	12500	12900	13300
UPPER QUARTILE	0	0	9550	10050	10550	11000	11450	11900	12300
MEDIAN	0	0	9000	9400	9850	10250	10650	11050	11400
LOWER QUARTILE	0	0	8900	9250	9550	9850	10100	10400	10650
LOWER DECILE	0	0	8700	8950	9200	9450	9700	9900	10150
MEAN	0	0	9350	9750	10150	10500	10850	11250	11550
TOTAL NUMBER	0	4	5	8	13	15	9	18	26
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	14050	14950	15600	16050	16350	16550	16650	16700	16750
UPPER QUARTILE	13050	14000	14650	15050	15400	15450	15500	15550	15550
MEDIAN	12100	12950	13750	13900	14000	13950	13750	13500	13350
LOWER QUARTILE	11150	11900	12300	12600	12800	12850	12850	12800	12650
LOWER DECILE	10550	11100	11500	11750	11800	11750	11600	11250	10600
MEAN	12200	12950	14500	13800	14000	14050	14050	14000	13850
TOTAL NUMBER	50	56	25	27	26	23	20	25	15
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 377

## NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	0	0	11050	0	11550	11850	12100	12350	12600
UPPER QUARTILE	0	0	10250	0	10800	11050	11310	11600	11850
MEDIAN	0	0	9650	0	9450	9850	10250	10650	11000
LOWER QUARTILE	0	0	8350	0	8950	9250	9550	9850	10150
LOWER DECILE	0	0	9100	0	8500	8700	8900	9150	9350
MEAN	0	0	9200	0	9800	10100	10400	10700	10950
TOTAL NUMBER	0	4	5	2	16	11	22	24	30
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	13100	13800	14450	14950	15350	15600	15750	15700	15250
UPPER QUARTILE	12350	13000	13550	14000	14250	14400	14400	14250	13700
MEDIAN	11660	12400	12900	13150	13250	13200	13100	12950	12750
LOWER QUARTILE	10700	11400	11950	12350	12600	12650	12600	12350	11900
LOWER DECILE	9750	10750	10850	11300	11600	11800	11850	11700	11000
MEAN	11500	12200	12750	13150	13400	13500	13500	13350	13000

TOTAL NUMBER 73 98 92 94 126 117 91 125 148

NUMBERS OVER \$20000 0 0 0 0 0 0 0 0 0

NUMBERS UNDER \$7000 0 0 0 0 0 0 0 0 0

NUMBER OF TECHNICIANS COVERED - 1078

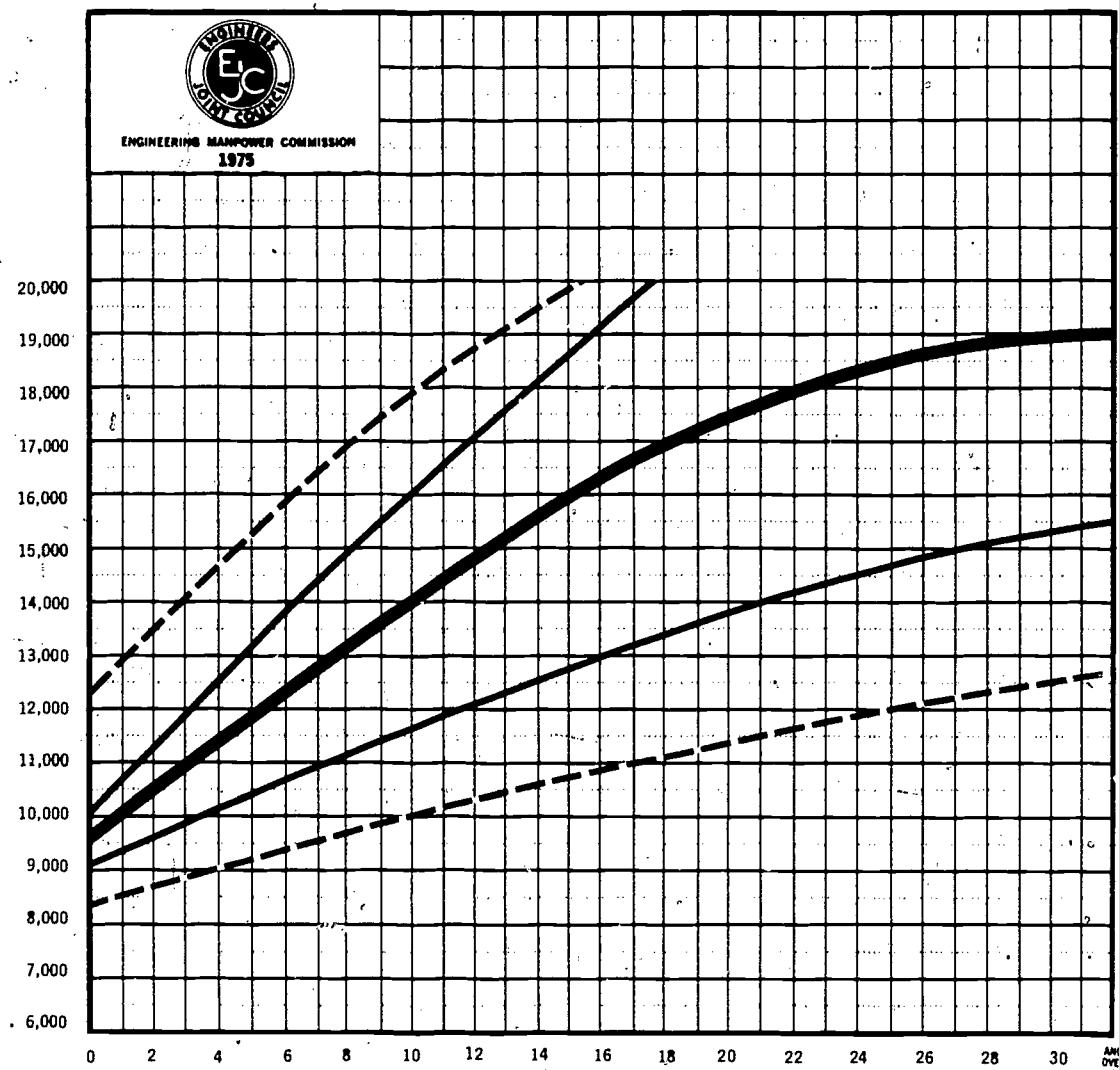
## LEGEND

Upper Decile	---
Upper Quartile	=====
Median	=====
Lower Quartile	=====
Lower Decile	---

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

MACHINERY  
ALL TECHNICIANS



YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	12350	12900	13500	14100	14650	15250	15800	16400	16900
UPPER QUARTILE	10000	10500	11200	11850	12500	13150	13800	14450	15050
MEDIAN	9540	9950	10400	10850	11350	11800	12250	12700	13150
LOWER QUARTILE	9150	9400	9650	9900	10150	10400	10650	10900	11150
LOWER DECILE	8450	8600	8800	9150	9100	9250	9400	9550	9700

MEAN      9940    10150    10750    11200    11600    12000    12400    12850    13200

TOTAL NUMBER	23	41	41	66	45	55	44	53	59
NUMBERS OVER \$20000	0	0	0	0	1	1	0	0	2
NUMBERS UNDER \$7000	0	0	0	0	0	1	0	0	0

LEGEND

Upper Decile	— — —	YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
Upper Quartile	— — —	UPPER DECILE	17850	19050							
Median	— — —	UPPER QUARTILE	16250	17850	19050						
Lower Quartile	— — —	MEDIAN	14050	15300	16400	17250	17950	18450	18750	19000	19150
Lower Decile	— — —	LOWER QUARTILE	11650	12350	13000	13650	14200	14650	15050	15500	15950
		LOWER DECILE	10000	10450	10900	11300	11650	12000	12350	12700	13100
		MEAN	14000	15000	15850	16550	17050	17400	17600	17800	17900

TOTAL NUMBER	151	196	141	137	110	98	90	137	158
NUMBERS OVER \$20000	6	6	33	33	34	39	27	40	73
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0

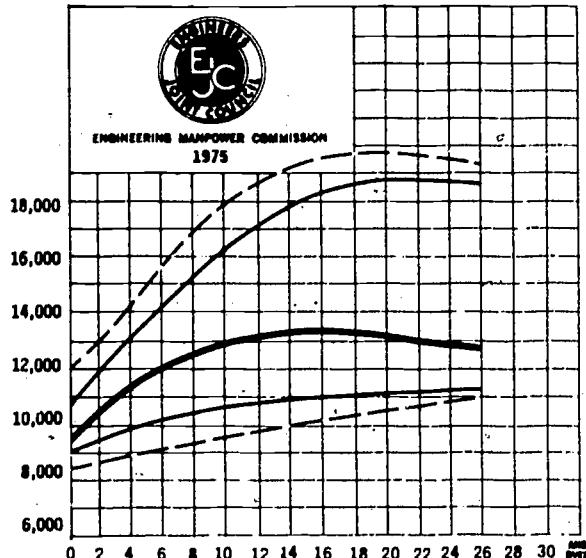
NUMBER OF TECHNICIANS COVERED - 1625

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

# MACHINERY

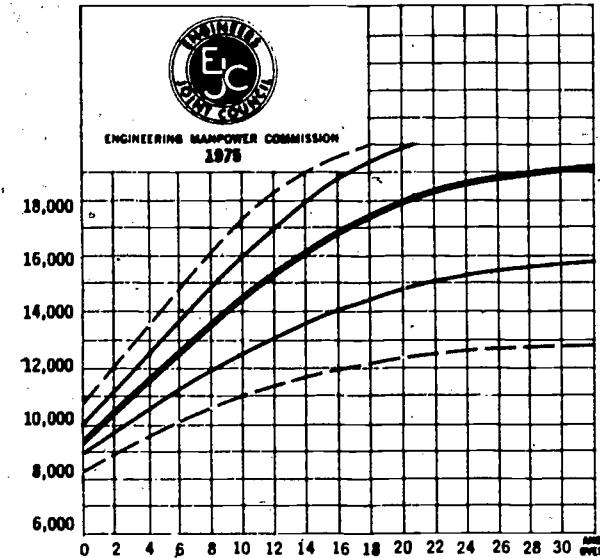
Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

## 2-YEAR GRADUATES



Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

## NON GRADUATES



## 2-YEAR GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	12150	12400	13450	14100	14750	15350	15950	16500	17050
UPPER QUARTILE	10750	11100	11900	12450	13050	13600	14150	14700	15250
MEDIAN	9450	9900	10450	10950	11700	11700	12000	12300	12550
LOWER QUARTILE	9050	9100	9550	9750	9900	10100	10250	10750	10500
LOWER DECILE	8500	8600	8700	8800	8900	9000	9100	9250	9350
MEAN	10100	10500	10900	11250	11650	12000	12700	12650	12900
TOTAL NUMBER	12	27	74	64	24	41	18	29	24
NUMBERS OVER \$20000	0	0	0	0	0	1	0	0	2
NUMBERS UNDER \$7000	0	0	0	0	0	1	0	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	17050	19000	19600	19750	19600	19250	0	0	17550
UPPER QUARTILE	16250	17450	18300	18750	18850	18750	0	0	17300
MEDIAN	12950	13250	13100	17200	13000	12650	0	0	12400
LOWER QUARTILE	10650	10900	11000	11150	11150	11200	0	0	11250
LOWER DECILE	9550	9450	10150	10450	10700	10950	0	0	11800
MEAN	13400	17950	14350	14500	14550	14550	0	0	14250
TOTAL NUMBER	68	44	44	27	8	5	4	3	7
NUMBERS OVER \$20000	2	1	11	5	0	0	0	1	2
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 473

## NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	10900	11500	12250	12950	13600	14300	14950	15600	16200
UPPER QUARTILE	10100	10650	11250	11550	12450	13050	13700	14300	14900
MEDIAN	9400	9450	10350	10900	11400	11900	12400	12900	13400
LOWER QUARTILE	8000	9400	9750	10150	10750	11050	11250	11600	11900
LOWER DECILE	7350	8650	9350	9250	9550	9800	10100	10350	10550
MEAN	9500	10300	10500	11000	11500	12000	12500	12950	13450
TOTAL NUMBER	11	14	7	12	21	14	26	34	35
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	17300	19650	19550	0	0	0	0	0	0
UPPER QUARTILE	16450	17600	18850	19700	0	0	0	0	0
MEDIAN	16400	15700	16500	17650	18300	18700	18950	19100	19200
LOWER QUARTILE	12550	13400	14100	14650	15100	15400	15650	15950	16950
LOWER DECILE	11000	11550	11950	12250	12500	12650	12750	12850	12900
MEAN	14300	15450	16300	16950	17400	17650	17800	17900	17950
TOTAL NUMBER	63	122	97	110	102	93	46	134	151
NUMBERS OVER \$20000	2	5	22	24	34	39	27	39	71
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 1152

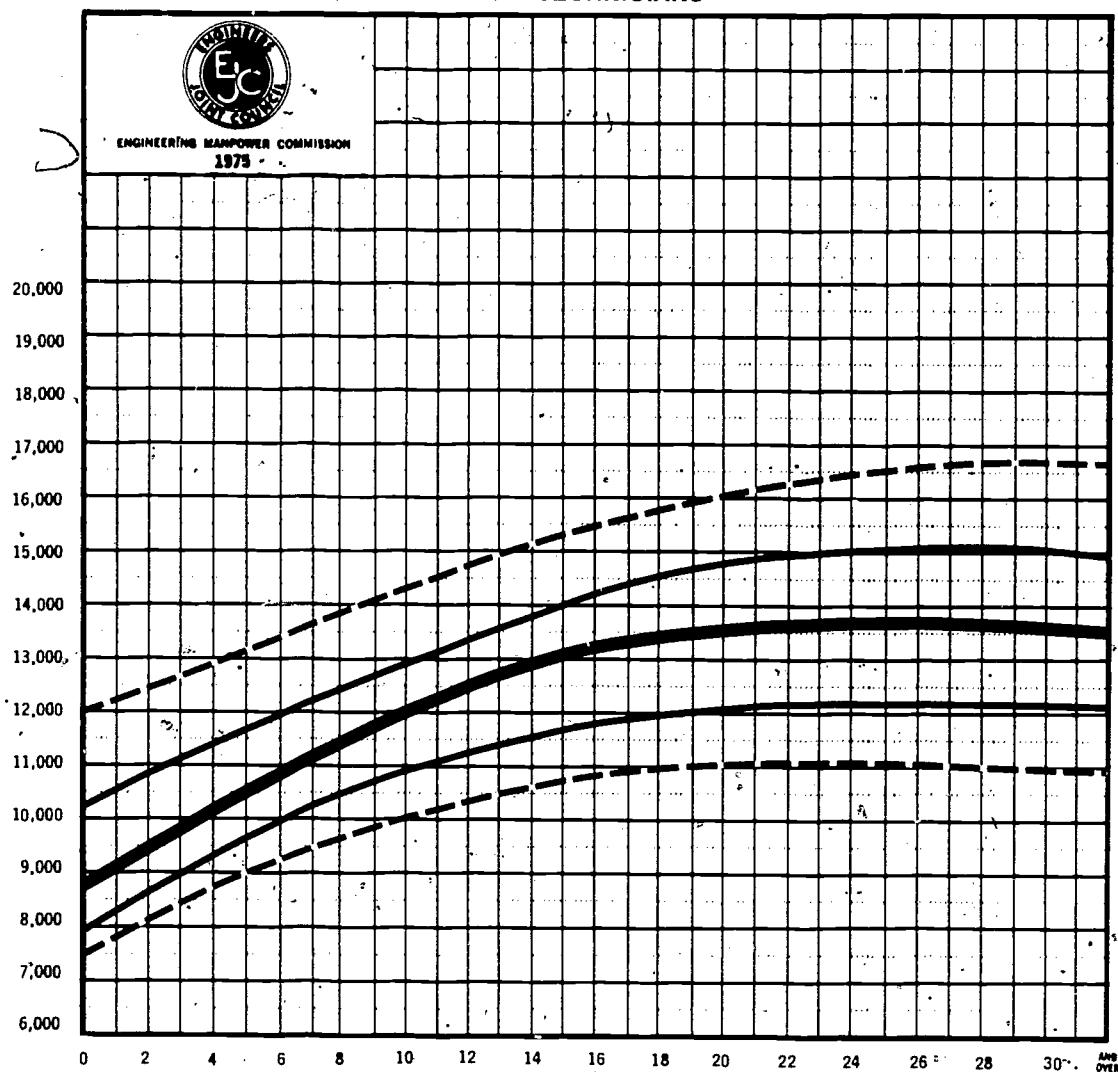
## LEGEND

Upper Decile	— — — —
Upper Quartile	— — —
Median	— — —
Lower Quartile	— — —
Lower Decile	— — — —

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

METAL PRODUCTS  
ALL TECHNICIANS



LEGEND	YEARS	0	1	2	3	4	5	6	7	8
	UPPER DECILE	12000	12250	12450	12700	12900	13150	13400	13600	13850
Upper Decile	UPPER QUARTILE	10250	10550	10850	11100	11400	11650	11950	12200	12450
Upper Quartile	MEDIAN	8750	9150	9500	9850	10150	10500	10850	11150	11450
Median	LOWER QUARTILE	7950	8210	8450	9000	9300	9650	9950	10200	10500
Lower Quartile	LOWER DECILE	7500	7800	8100	8750	9350	9850	10150	9400	9600
Lower Decile	MEAN	9300	9600	9900	10200	10450	10750	11050	11300	11550
TOTAL NUMBER	0	36	60	83	87	93	81	91	83	116
	NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
	NUMBERS UNDER \$ 2000	2	4	1	1	0	0	0	0	0
LEGEND	YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
	UPPER DECILE	14250	14450	15450	15900	15250	16500	16650	16600	15950
Upper Decile	UPPER QUARTILE	12950	13600	14200	14600	14900	15050	15100	15000	14600
Upper Quartile	MEDIAN	12030	12650	13150	13450	13600	13650	13750	13500	13300
Median	LOWER QUARTILE	10950	11500	11850	12050	12150	12150	12150	12100	12000
Lower Quartile	LOWER DECILE	10000	10500	10800	10950	11050	11150	11000	10950	10850
Lower Decile	MEAN	12050	12650	13100	13450	13650	13750	13700	13600	13400
TOTAL NUMBER	0	225	187	143	164	127	163	136	204	274
	NUMBERS OVER \$20000	0	0	0	0	0	2	2	2	4
	NUMBERS UNDER \$ 2000	0	0	0	0	0	0	0	0	0

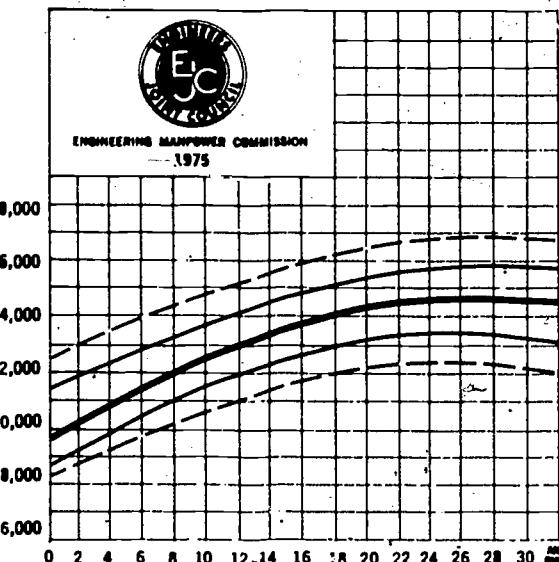
NUMBER OF TECHNICIANS COVERED = 2351

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

# METAL PRODUCTS

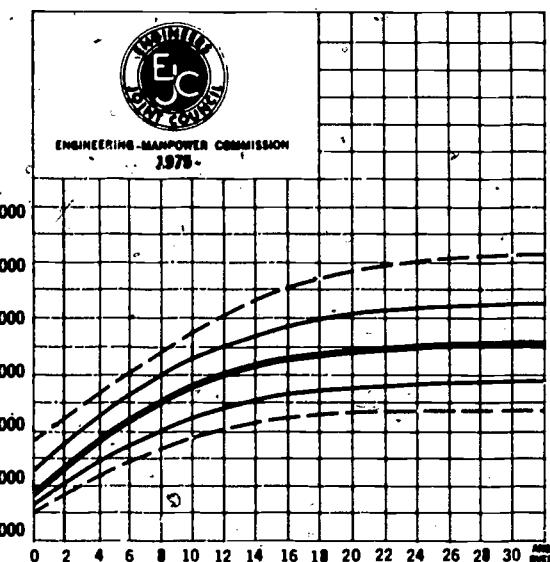
Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

## 2-YEAR GRADUATES



Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

## NON GRADUATES



## 2-YEAR GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	12500	12750	13000	13250	13500	13700	13950	14150	14400
UPPER QUARTILE	11400	11600	11850	12100	12300	12550	12800	13000	13250
MEDIAN	9750	10000	10300	10550	10850	11150	11400	11700	11950
LOWER QUARTILE	8700	9000	9250	9550	9850	10100	10400	10650	10900
LOWER DECILE	8300	8550	8800	9000	9250	9500	9750	9950	10200
MEAN	10150	10400	10550	10800	11150	11400	11650	11850	12100
TOTAL NUMBER	15	31	56	41	39	36	46	39	49
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	14450	15450	15950	16400	16700	16850	16900	16700	15800
UPPER QUARTILE	13650	14300	14850	15300	15600	15800	15900	15750	14950
MEDIAN	12450	13150	13750	14200	14500	14600	14650	14400	13750
LOWER QUARTILE	11450	12100	12650	13050	13300	13350	13300	13100	12500
LOWER DECILE	10350	11200	11700	12100	12300	12350	12300	12000	11200
MEAN	12600	13200	13800	14200	14500	14650	14650	14450	13550
TOTAL NUMBER	101	78	56	84	42	41	43	50	61
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 927

## NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	9700	10100	10500	10900	11300	11700	12050	12450	12800
UPPER QUARTILE	8550	9100	9550	10050	10500	10950	11150	11700	12050
MEDIAN	7750	8250	8750	9200	9650	10050	10400	10750	11050
LOWER QUARTILE	7150	7750	8150	8550	8900	9200	9500	9800	10050
LOWER DECILE	7000	7350	7700	8050	8350	8600	8900	9150	9350
MEAN	8100	8550	8950	9400	9750	10150	10500	10800	11100
TOTAL NUMBER	21	19	27	46	54	45	45	44	67
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	21	4	1	1	0	0	0	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	13450	14750	15050	15500	15900	16100	16200	16250	16250
UPPER QUARTILE	12600	13300	13750	14000	14250	14400	14550	14500	14500
MEDIAN	11600	12200	12550	12800	12950	13100	13100	13100	13100
LOWER QUARTILE	10500	11000	11300	11550	11650	11750	11800	11800	11800
LOWER DECILE	9750	10200	10450	10600	10700	10750	10750	10750	10750
MEAN	11600	12200	12650	12950	13150	13250	13300	13350	13350
TOTAL NUMBER	124	169	87	80	85	122	93	145	213
NUMBERS OVER \$20000	0	0	0	0	0	2	2	2	4
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 1426

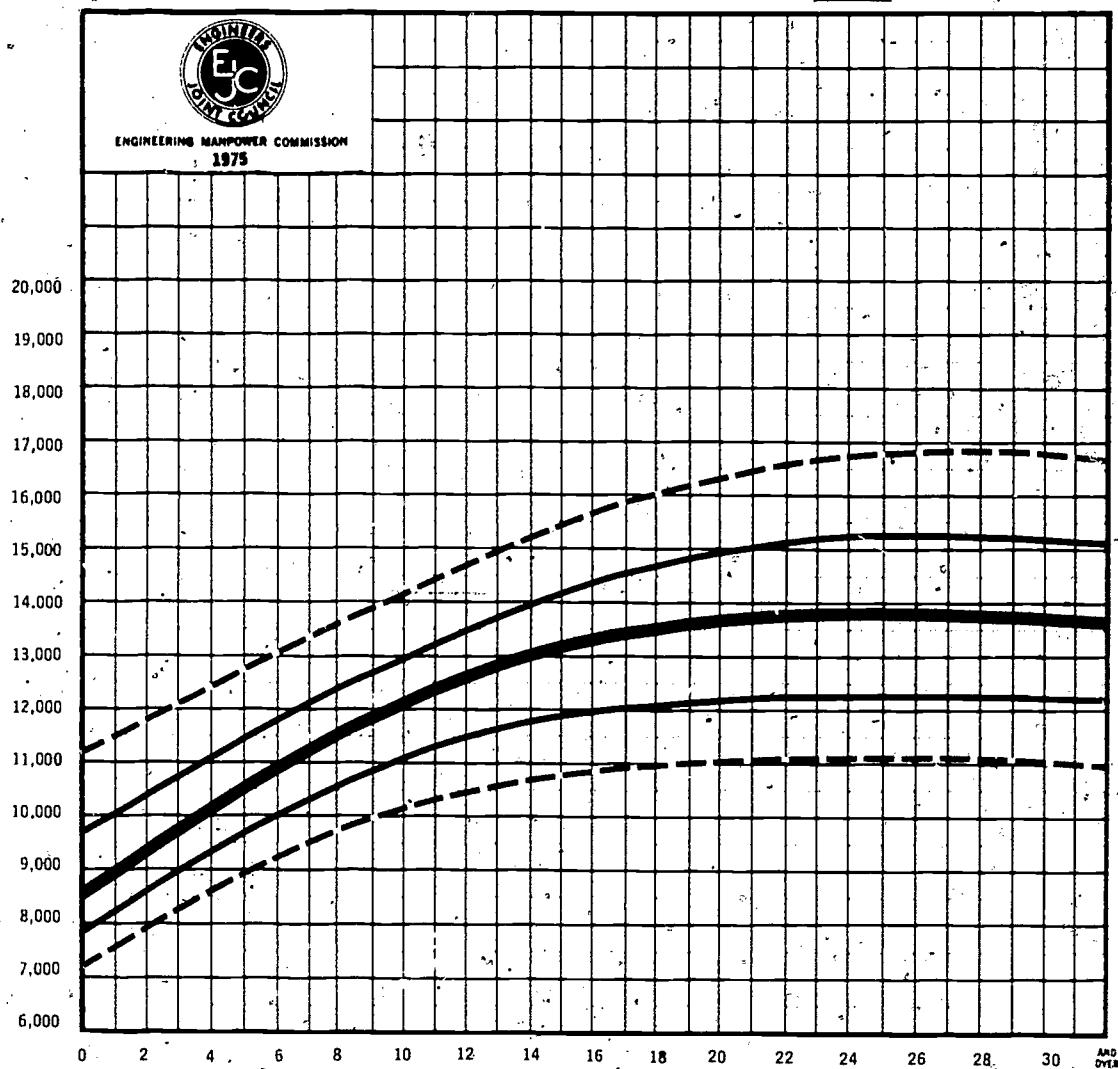
\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

### LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

FABRICATED METAL PRODUCTS  
ALL TECHNICIANS



YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	11200	11500	11900	12100	12400	12700	13000	13300	13600
UPPER QUARTILE	9730	10150	10400	10750	11050	11400	11750	12050	12400
MEDIAN	8550	8950	9300	9700	10150	10450	10800	11150	11450
LOWER QUARTILE	7900	8250	8650	9010	9350	9650	10000	10250	10550
LOWER DECILE	7250	7600	7950	8300	8600	8900	9200	9450	9700
MEAN	8900	9200	9550	9900	10250	10600	10900	11200	11500

TOTAL NUMBER	26	43	72	66	72	64	40	76	104
NUMBERS OVER \$20000	0	0	1	6	0	0	0	0	0
NUMBERS UNDER \$7000	2	4	1	1	0	0	3	0	0

LEGEND

	0-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	14150	14950	15550	16200	16550	16800	16850	16650	15950
UPPER QUARTILE	12950	13750	14400	14850	15100	15250	15200	15550	14650
MEDIAN	12050	12750	13300	13600	13750	13700	13600	13400	
LOWER QUARTILE	11050	11600	11950	12200	12250	12250	12250	12150	12100
LOWER DECILE	11100	10850	11000	11050	11050	11050	11050	11000	11000
MEAN	12100	12750	13300	13600	13800	13850	13800	13700	13500

TOTAL NUMBER	147	167	121	136	105	137	110	184	238
NUMBERS OVER \$20000	0	0	0	0	0	2	2	2	4
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0

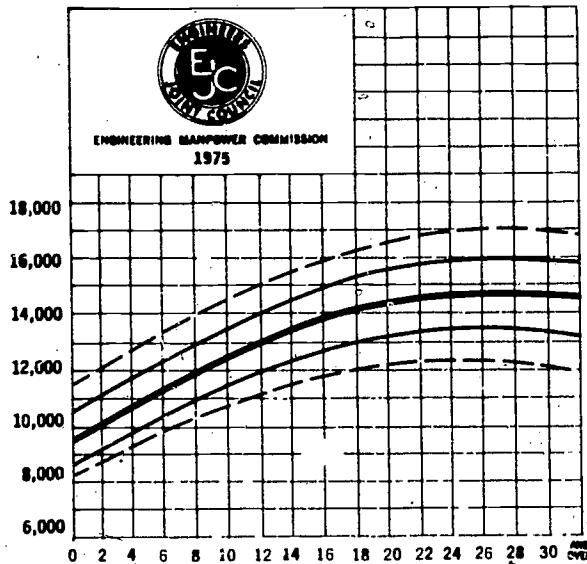
NUMBER OF TECHNICIANS COVERED - 1991

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

# FABRICATED METAL PRODUCTS

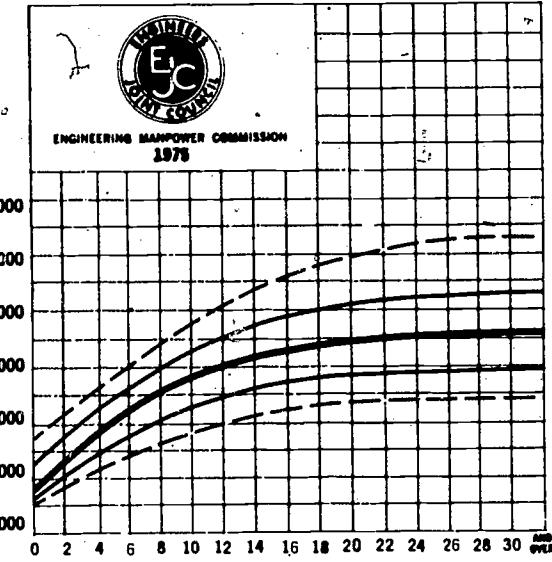
**Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\***

## 2-YEAR GRADUATES



**Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\***

## NON GRADUATES



## 2-YEAR GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	\$11500	\$11400	\$12100	\$12400	\$12700	\$13000	\$13300	\$13600	\$13900
UPPER QUARTILE	\$10500	\$10400	\$11000	\$11400	\$11700	\$12000	\$12300	\$12600	\$12900
MEDIAN	\$9500	\$9750	\$10050	\$10350	\$10650	\$10950	\$11250	\$11550	\$11850
LOWER QUARTILE	\$8550	\$8550	\$9250	\$9500	\$9800	\$10100	\$10350	\$10650	\$10900
LOWER DECILE	\$6250	\$6500	\$7750	\$9000	\$9250	\$9500	\$9750	\$10000	\$10250
MEAN	\$7600	\$9300	\$10200	\$10500	\$11800	\$11100	\$11600	\$11700	\$11950
TOTAL NUMBER	8	25	45	27	25	28	41	36	46
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	\$14500	\$15250	\$15950	\$16500	\$16850	\$17050	\$17200	\$16750	\$15650
UPPER QUARTILE	\$13500	\$14100	\$14950	\$15600	\$15850	\$16000	\$16000	\$15750	\$14850
MEDIAN	\$12400	\$13150	\$13400	\$14250	\$14500	\$14650	\$14600	\$14400	\$13800
LOWER QUARTILE	\$11400	\$12100	\$12700	\$13100	\$13350	\$13450	\$13600	\$13150	\$12600
LOWER DECILE	\$10700	\$11700	\$11800	\$12100	\$12300	\$12350	\$12250	\$11950	\$11250
MEAN	\$12500	\$13250	\$13850	\$14300	\$14600	\$14700	\$14650	\$14400	\$13600
TOTAL NUMBER	94	70	51	77	38	41	41	55	60
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 514

## NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	\$9550	\$10000	\$10400	\$10800	\$11200	\$11600	\$12000	\$12400	\$12800
UPPER QUARTILE	\$8550	\$9050	\$9550	\$10050	\$10500	\$10900	\$11350	\$11700	\$12050
MEDIAN	\$7750	\$8250	\$8750	\$9250	\$9650	\$10100	\$10450	\$10800	\$11150
LOWER QUARTILE	\$7250	\$7700	\$8150	\$8550	\$9100	\$9250	\$9600	\$9900	\$10150
LOWER DECILE	\$7050	\$7400	\$7700	\$8000	\$8300	\$8600	\$8850	\$9050	\$9300
MEAN	\$8000	\$8500	\$8950	\$9350	\$9750	\$10150	\$10500	\$10850	\$11150
TOTAL NUMBER	18	18	24	39	44	36	39	40	58
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	2	4	1	1	0	0	0	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	\$13500	\$14450	\$15200	\$15750	\$16150	\$16350	\$16450	\$16450	\$16350
UPPER QUARTILE	\$12650	\$13350	\$13800	\$14150	\$14350	\$14450	\$14550	\$14600	\$14600
MEDIAN	\$11650	\$12250	\$12650	\$12900	\$13000	\$13100	\$13150	\$13150	\$13150
LOWER QUARTILE	\$10400	\$11100	\$11450	\$11650	\$11750	\$11850	\$11850	\$11900	\$11900
LOWER DECILE	\$9650	\$10100	\$10400	\$10550	\$10700	\$10750	\$10800	\$10850	\$10850
MEAN	\$11700	\$12350	\$12750	\$13050	\$13250	\$13350	\$13400	\$13400	\$13450
TOTAL NUMBER	93	97	79	59	70	96	69	125	178
NUMBERS OVER \$20000	0	0	0	0	0	2	2	0	0
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 1173

### LEGEND

Upper Decile	—
Upper Quartile	— — —
Median	— — — —
Lower Quartile	— — — — —
Lower Decile	— — — — — —

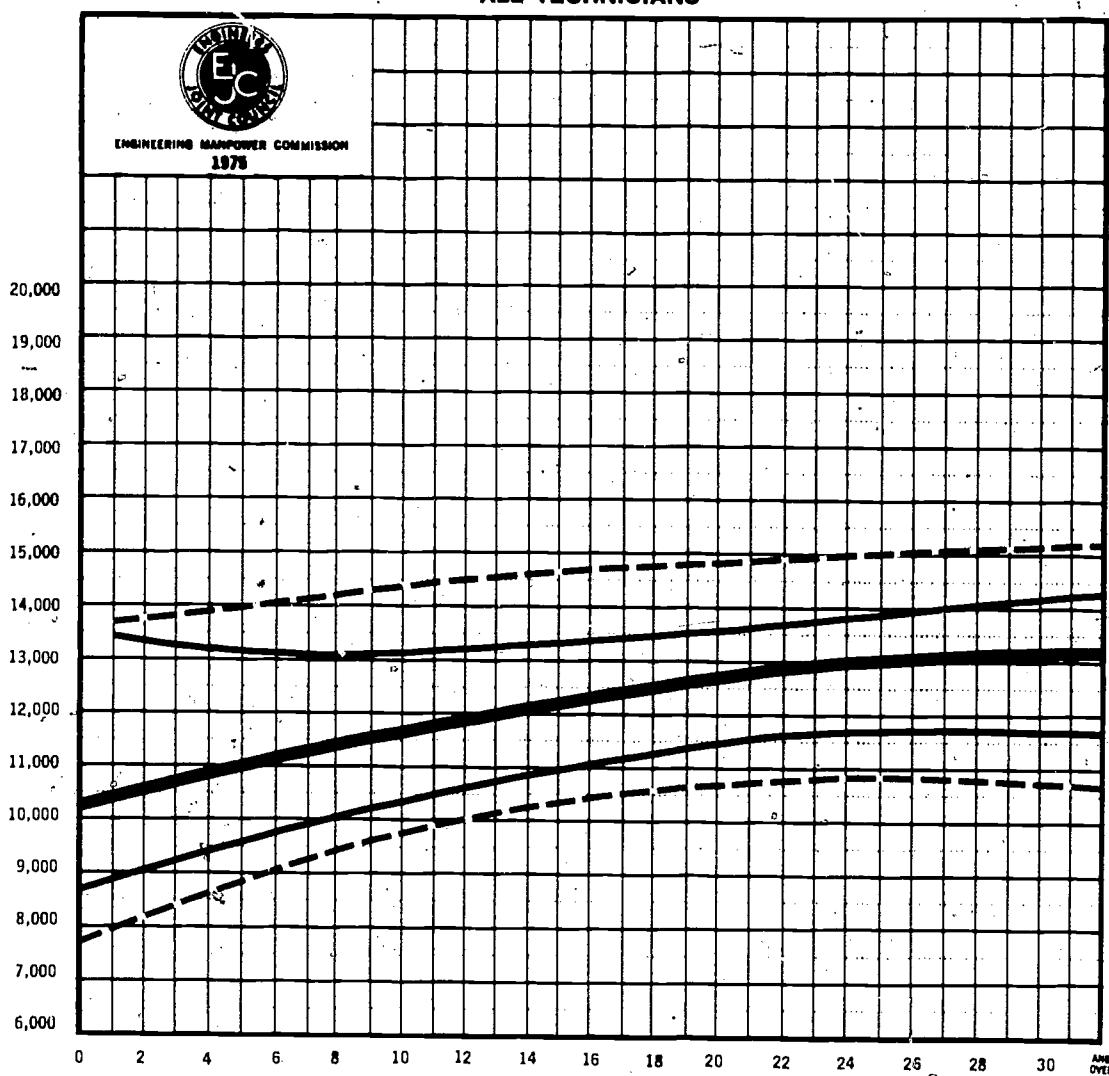
\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

METALS, BASIC AND MINING

There were too few salaries reported to produce breakdowns for graduates and non-graduates in this industry group.

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

METALS, BASIC AND MINING  
ALL TECHNICIANS



YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	13650	13700	13800	13850	13950	14000	14100	14150	
UPPER QUARTILE	13500	13550	13550	13550	13550	13550	13550	13550	
MEDIAN	10250	10400	10550	10650	10800	10950	11100	11200	11350
LOWER QUARTILE	8650	8950	9000	9200	9350	9550	9700	9850	10050
LOWER DECILE	7700	7900	8150	8400	8600	8800	9000	9200	9400
MEAN	10700	10800	10950	11050	11150	11300	11400	11500	11650
TOTAL NUMBER	10	17	11	21	21	17	11	7	12
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0

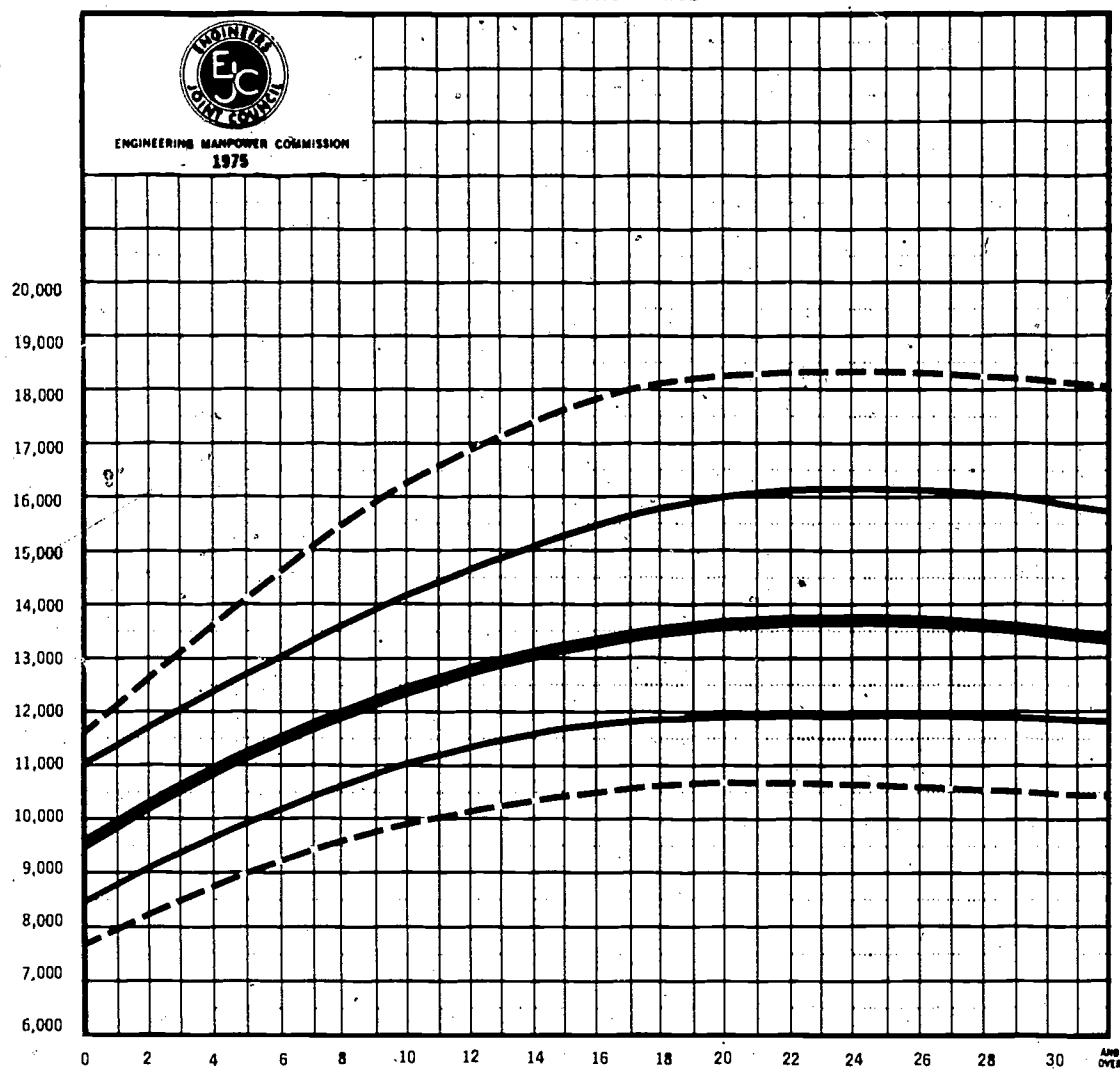
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	14300	14500	14650	14800	14950	15050	15150	15200	15250
UPPER QUARTILE	13050	13150	13300	13500	13700	13900	14050	14250	14350
MEDIAN	11600	11950	12300	12600	12850	13000	13150	13200	13300
LOWER QUARTILE	10350	10750	11100	11400	11600	11700	11700	11600	11250
LOWER DECILE	9750	10150	10450	10650	10750	10800	10750	10650	10500
MEAN	11850	12150	12400	12600	12800	12900	13000	13050	12850
TOTAL NUMBER	18	20	22	28	19	26	26	20	16
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 362

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

## ELECTRICAL & ELECTRONIC PRODUCTS ALL TECHNICIANS



### LEGEND

Upper Decile    -----  
 Upper Quartile    - - - -  
 Median    - - -  
 Lower Quartile    - - -  
 Lower Decile    - - -

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	11650	12150	12650	13150	13650	14150	14600	15050	15450
UPPER QUARTILE	11050	11410	11700	12050	12400	12700	13000	13300	13600
MEDIAN	9600	9900	10200	10550	10850	11150	11400	11700	11950
LOWER QUARTILE	8500	8800	9100	9350	9650	9900	10150	10400	10600
LOWER DECILE	7700	8000	8250	8500	8750	9000	9200	9400	9600
MEAN	9750	10100	10450	10750	11100	11400	11700	11950	12250
TOTAL NUMBER	156	355	530	576	576	717	762	879	940
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	12	9	2	3	0	0	0	0	1
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	16250	17150	17800	18200	18350	18350	18250	18000	17700
UPPER QUARTILE	14150	14900	15500	15850	16100	16150	16050	15750	15050
MEDIAN	12400	12950	13350	13550	13650	13650	13550	13350	13100
LOWER QUARTILE	11000	11450	11750	11900	11950	11950	11900	11800	11650
LOWER DECILE	9900	10250	10500	10600	10600	10550	10500	10400	10250
MEAN	12700	13310	13700	13950	14000	14000	13900	13750	13500
TOTAL NUMBER	2127	1453	1515	1347	1262	1144	1053	1442	1199
NUMBERS OVER \$20000	0	1	4	3	5	6	4	3	11
NUMBERS UNDER \$7000	0	2	1	2	0	3	2	2	2

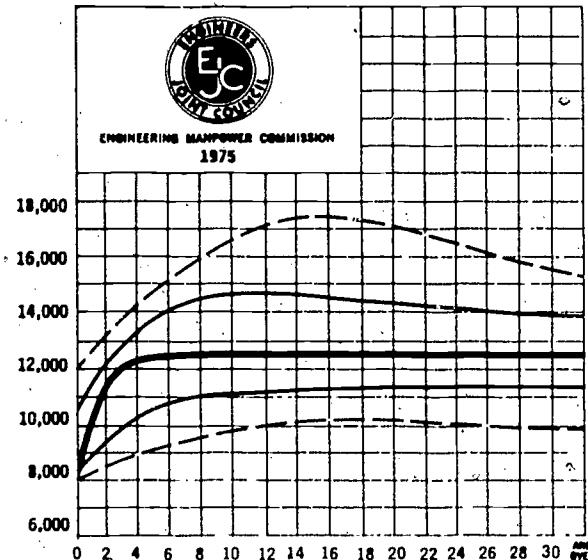
NUMBER OF TECHNICIANS COVERED = 18473

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

# ELECTRICAL & ELECTRONIC PRODUCTS

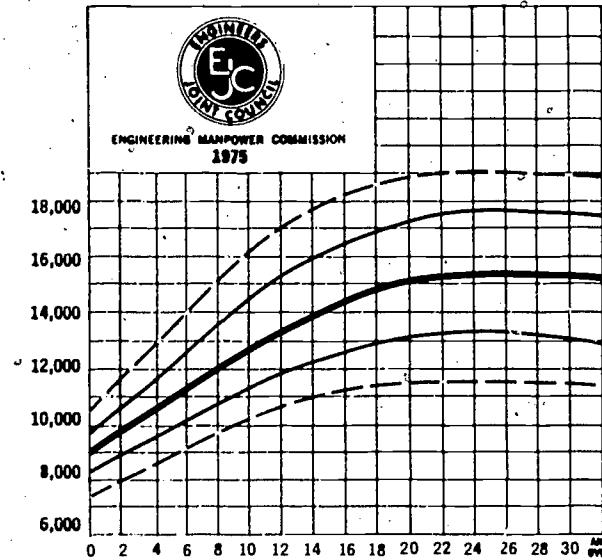
**Annual Salary by Equivalent Years Since Graduation from Technical Institute\***

## 2-YEAR GRADUATES



**Annual Salary by Equivalent Years Since Graduation from Technical Institute\***

## NON GRADUATES



## 2-YEAR GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	12000	12600	11150	13700	14200	14750	15200	15650	16000
UPPER QUARTILE	10750	11500	12150	12750	13250	13650	14000	14300	14500
MEDIAN	8500	9300	11450	12050	12350	12500	12500	12500	12500
LOWER QUARTILE	6400	8950	9650	9800	10150	10400	10600	10750	10850
LOWER DECILE	4000	6250	7500	8950	9150	9350	9500	9650	9650
MEAN	9250	10340	11050	11650	12050	12300	12500	12600	12700
TOTAL NUMBER	156	424	500	675	585	671	759	777	833
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	4	9	1	0	0	0	0	0	1
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	16650	17250	17400	17200	16650	16150	15850	15250	14600
UPPER QUARTILE	14700	14700	14550	14350	14200	14050	13950	13900	13900
MEDIAN	12500	12500	12450	12450	12450	12450	12450	12450	12450
LOWER QUARTILE	11050	11200	11250	11300	11300	11300	11300	11300	11300
LOWER DECILE	9850	10100	10150	10150	10100	10050	9950	9900	9800
MEAN	12800	12450	12900	12900	12900	12900	12900	12900	12900
TOTAL NUMBER	156	1328	966	811	692	664	538	736	718
NUMBERS OVER \$20000	0	2	8	4	0	6	0	0	2
NUMBERS UNDER \$7000	0	4	0	0	0	1	0	0	0

NUMBER OF TECHNICIANS COVERED - 13613

Unweighted total - 9,857

## NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	10550	11250	11750	12350	12950	13550	14100	14700	15200
UPPER QUARTILE	9800	10250	10700	11200	11650	12150	12600	13100	13550
MEDIAN	9000	9300	9750	10100	10500	10900	11250	11650	12000
LOWER QUARTILE	8350	8600	8900	9200	9550	9850	10150	10450	10750
LOWER DECILE	7500	7800	8110	8350	8650	8950	9200	9450	9700
MEAN	9100	9500	9900	10300	10700	11100	11500	11850	12250
TOTAL NUMBER	42	106	192	195	224	307	251	356	415
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	4	1	3	0	0	0	0	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	16200	17400	18250	18750	19000	19500	18550	18400	18650
UPPER QUARTILE	14400	15600	16500	17150	17550	17700	17650	17450	17050
MEDIAN	12700	13600	14350	14900	15200	15300	15150	15150	14750
LOWER QUARTILE	11300	12050	12650	13050	13250	13300	13200	12950	12350
LOWER DECILE	10200	10750	11150	11400	11500	11550	11500	11350	11150

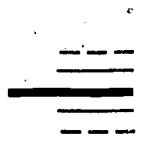
YEARS	0	1	2	3	4	5	6	7	8
MEAN	12950	13840	14500	14950	15200	15250	15250	15100	14800
TOTAL NUMBER	920	366	799	769	691	611	594	788	520
NUMBERS OVER \$20000	3	0	1	1	5	3	4	3	10
NUMBERS UNDER \$7000	0	0	1	2	0	2	2	2	12

NUMBER OF TECHNICIANS COVERED - 8616

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

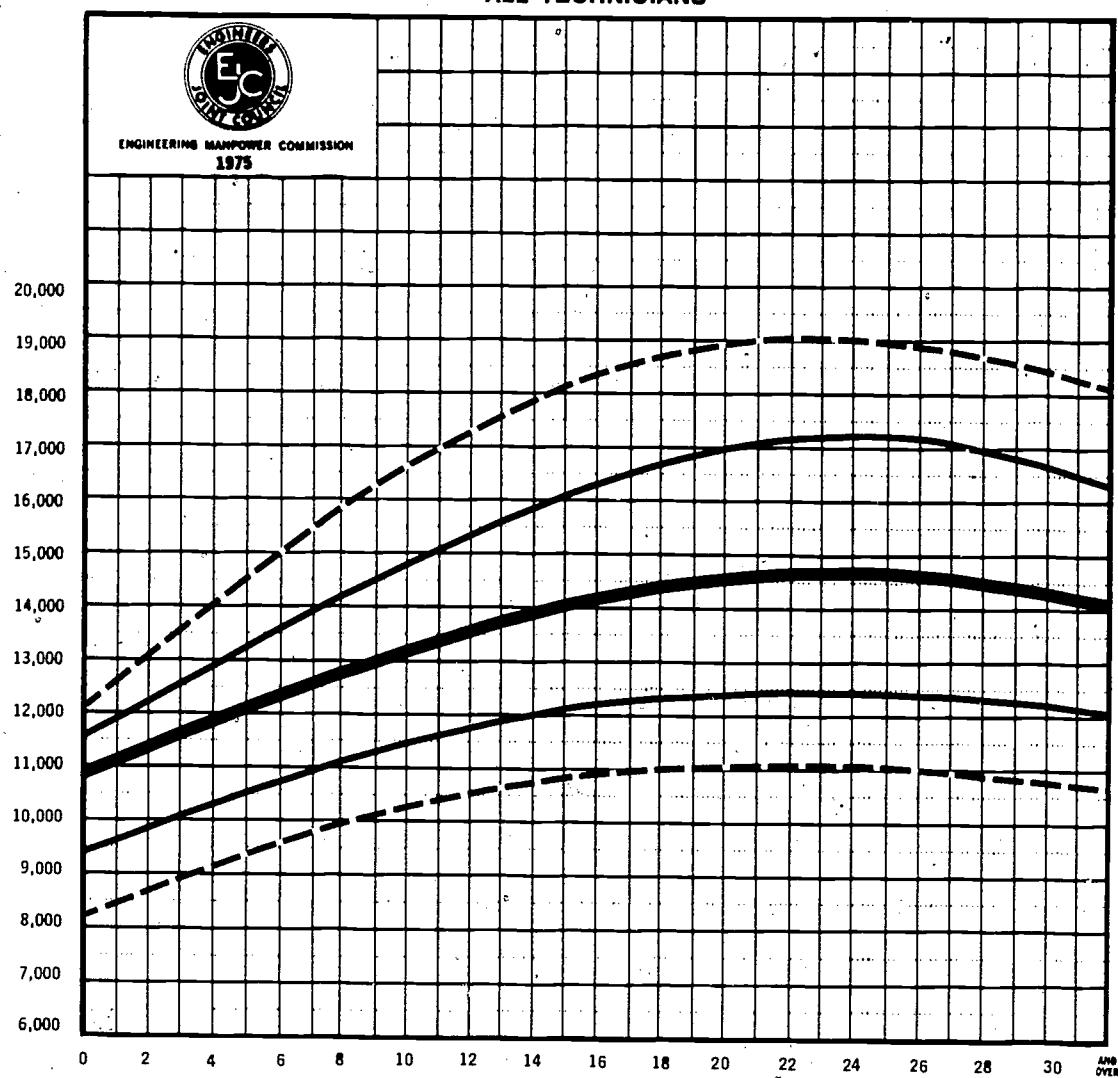
## LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile



Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

## ELECTRICAL EQUIPMENT ALL TECHNICIANS

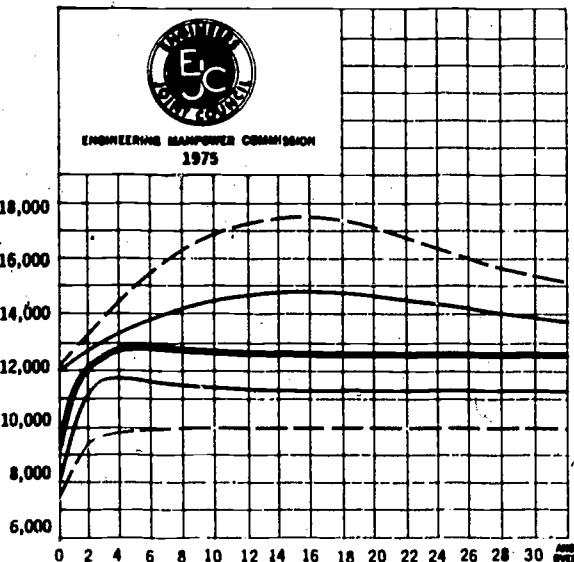


YEARS SINCE GRADUATION	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35+																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
UPPER DECILE	12150	12600	13050	13550	14000	14450	14900	15350	15800	16200	16700	17200	17700	18200	18700	19200	19700	20200	20700	21200	21700	22200	22700	23200	23700	24200	24700	25200	25700	26200	26700	27200	27700	28200	28700	29200	29700	30200																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
UPPER QUARTILE	11600	11900	12200	12550	12900	13200	13550	13850	14150	14450	14750	15050	15350	15650	15950	16250	16550	16850	17150	17450	17750	18050	18350	18650	18950	19250	19550	19850	20150	20450	20750	21050	21350	21650	21950	22250	22550	22850																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
MEDIAN	10900	11150	11350	11600	11850	12050	12300	12500	12750	13000	13200	13400	13600	13800	14000	14200	14400	14600	14800	15000	15200	15400	15600	15800	16000	16200	16400	16600	16800	17000	17200	17400	17600	17800	18000	18200	18400	18600	18800																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
LOWER QUARTILE	9400	9650	9900	10100	10300	10550	10800	11050	11300	11550	11800	12050	12300	12500	12750	13000	13200	13400	13600	13800	14000	14200	14400	14600	14800	15000	15200	15400	15600	15800	16000	16200	16400	16600	16800	17000	17200	17400	17600	17800	18000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
LOWER DECILE	8250	8500	8750	8950	9150	9400	9600	9750	9900	10050	10200	10350	10500	10650	10800	10950	11100	11250	11400	11550	11700	11850	12000	12150	12300	12450	12600	12750	12900	13050	13200	13350	13500	13650	13800	13950	14100	14250	14400	14550	14700	14850	15000	15150	15300	15450	15600	15750	15900	16050	16200	16350	16500	16650	16800	16950	17100	17250	17400	17550	17700	17850	18000	18150	18300	18450	18600	18750	18900	19050	19200	19350	19500	19650	19800	19950	20100	20250	20400	20550	20700	20850	21000	21150	21300	21450	21600	21750	21900	22050	22200	22350	22500	22650	22800	22950	23100	23250	23400	23550	23700	23850	24000	24150	24300	24450	24600	24750	24900	25050	25200	25350	25500	25650	25800	25950	26100	26250	26400	26550	26700	26850	27000	27150	27300	27450	27600	27750	27900	28050	28200	28350	28500	28650	28800	28950	29100	29250	29400	29550	29700	29850	30000	30150	30300	30450	30600	30750	30900	31050	31200	31350	31500	31650	31800	31950	32100	32250	32400	32550	32700	32850	33000	33150	33300	33450	33600	33750	33900	34050	34200	34350	34500	34650	34800	34950	35100	35250	35400	35550	35700	35850	36000	36150	36300	36450	36600	36750	36900	37050	37200	37350	37500	37650	37800	37950	38100	38250	38400	38550	38700	38850	39000	39150	39300	39450	39600	39750	39900	40050	40200	40350	40500	40650	40800	40950	41100	41250	41400	41550	41700	41850	42000	42150	42300	42450	42600	42750	42900	43050	43200	43350	43500	43650	43800	43950	44100	44250	44400	44550	44700	44850	45000	45150	45300	45450	45600	45750	45900	46050	46200	46350	46500	46650	46800	46950	47100	47250	47400	47550	47700	47850	48000	48150	48300	48450	48600	48750	48900	49050	49200	49350	49500	49650	49800	49950	50100	50250	50400	50550	50700	50850	51000	51150	51300	51450	51600	51750	51900	52050	52200	52350	52500	52650	52800	52950	53100	53250	53400	53550	53700	53850	54000	54150	54300	54450	54600	54750	54900	55050	55200	55350	55500	55650	55800	55950	56100	56250	56400	56550	56700	56850	57000	57150	57300	57450	57600	57750	57900	58050	58200	58350	58500	58650	58800	58950	59100	59250	59400	59550	59700	59850	59950	60100	60250	60400	60550	60700	60850	60950	61100	61250	61400	61550	61700	61850	62000	62150	62300	62450	62600	62750	62900	63050	63200	63350	63500	63650	63800	63950	64100	64250	64400	64550	64700	64850	65000	65150	65300	65450	65600	65750	65900	66050	66200	66350	66500	66650	66800	66950	67100	67250	67400	67550	67700	67850	68000	68150	68300	68450	68600	68750	68900	69050	69200	69350	69500	69650	69800	69950	70100	70250	70400	70550	70700	70850	71000	71150	71300	71450	71600	71750	71900	72050	72200	72350	72500	72650	72800	72950	73100	73250	73400	73550	73700	73850	74000	74150	74300	74450	74600	74750	74900	75050	75200	75350	75500	75650	75800	75950	76100	76250	76400	76550	76700	76850	77000	77150	77300	77450	77600	77750	77900	78050	78200	78350	78500	78650	78800	78950	79100	79250	79400	79550	79700	79850	79950	80100	80250	80400	80550	80700	80850	80950	81100	81250	81400	81550	81700	81850	82000	82150	82300	82450	82600	82750	82900	83050	83200	83350	83500	83650	83800	83950	84100	84250	84400	84550	84700	84850	85000	85150	85300	85450	85600	85750	85900	86050	86200	86350	86500	86650	86800	86950	87100	87250	87400	87550	87700	87850	88000	88150	88300	88450	88600	88750	88900	89050	89200	89350	89500	89650	89800	89950	90100	90250	90400	90550	90700	90850	91000	91150	91300	91450	91600	91750	91900	92050	92200	92350	92500	92650	92800	92950	93100	93250	93400	93550	93700	93850	94000	94150	94300	94450	94600	94750	94900	95050	95200	95350	95500	95650	95800	95950	96100	96250	96400	96550	96700	96850	97000	97150	97300	97450	97600	97750	97900	98050	98200	98350	98500	98650	98800	98950	99100	99250	99400	99550	99700	99850	99950	100100	100250	100400	100550	100700	100850	100950	101100	101250	101400	101550	101700	101850	102000	102150	102300	102450	102600	102750	102900	103050	103200	103350	103500	103650	103800	103950	104100	104250	104400	104550	104700	104850	105000	105150	105300	105450	105600	1

# ELECTRICAL EQUIPMENT

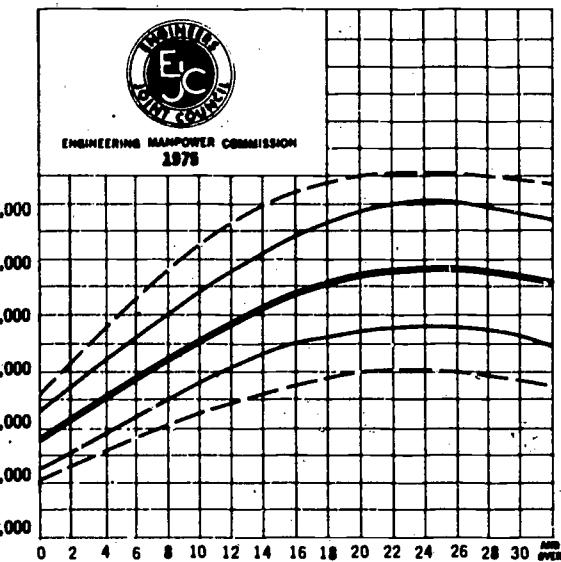
Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

## 2-YEAR GRADUATES



Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

## NON GRADUATES



## 2-YEAR GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	12150	12500	13400	13950	14500	15000	15500	15950	16300
UPPER QUARTILE	12000	12400	12700	13050	13300	13600	13850	14050	14250
MEDIAN	9300	11200	12250	12750	12900	12900	12850	12750	12750
LOWER QUARTILE	8350	10250	11350	11750	11800	11700	11600	11500	11400
LOWER DECILE	7650	9750	9450	9800	9950	10000	10000	10000	10000
MEAN	11100	11450	11750	12050	12300	12500	12700	12850	13000
TOTAL NUMBER	112	362	624	799	795	641	543	604	697
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	4	1	1	0	0	0	0	0	1
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	16900	17400	17500	17200	16750	16200	15700	15150	14550
UPPER QUARTILE	14550	14400	14650	14750	14550	14300	14050	13750	13400
MEDIAN	12650	12550	12600	12600	12600	12600	12600	12600	12600
LOWER QUARTILE	11300	11250	11250	11250	11250	11250	11250	11250	11250
LOWER DECILE	10000	10000	10000	10000	10000	10000	10000	10000	10000
MEAN	13200	13100	13250	13150	12950	12800	12700	12550	12450
TOTAL NUMBER	1538	1166	502	737	574	530	446	668	644
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	0	4	0	0	0	1	0	0	0

NUMBER OF TECHNICIANS COVERED - 12289

Unweighted total - 7,648

## NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	11150	11700	12300	12900	13400	14000	14600	15100	15650
UPPER QUARTILE	10650	11050	11450	11850	12300	12700	13150	13550	14000
MEDIAN	9750	10100	10400	10750	11100	11450	11750	12100	12450
LOWER QUARTILE	8600	8950	9250	9550	9850	10150	10500	10800	11100
LOWER DECILE	8150	8400	8650	8850	9100	9350	9600	9850	10150
MEAN	9750	10100	10450	10850	11200	11550	11950	12300	12650
TOTAL NUMBER	6	46	105	122	149	201	182	240	286
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	16550	17700	18500	18950	19100	19100	18950	18700	18350
UPPER QUARTILE	14800	15950	16900	17600	18000	18100	17900	17300	15950
MEDIAN	13100	14000	14750	15300	15600	15700	15550	15050	13750
LOWER QUARTILE	11650	12450	13050	13450	13650	13650	13450	12950	11900
LOWER DECILE	10500	11100	11550	11900	12050	12050	11900	11500	10600
MEAN	13300	14200	14900	15400	15650	15650	15450	15050	14050

### LEGEND

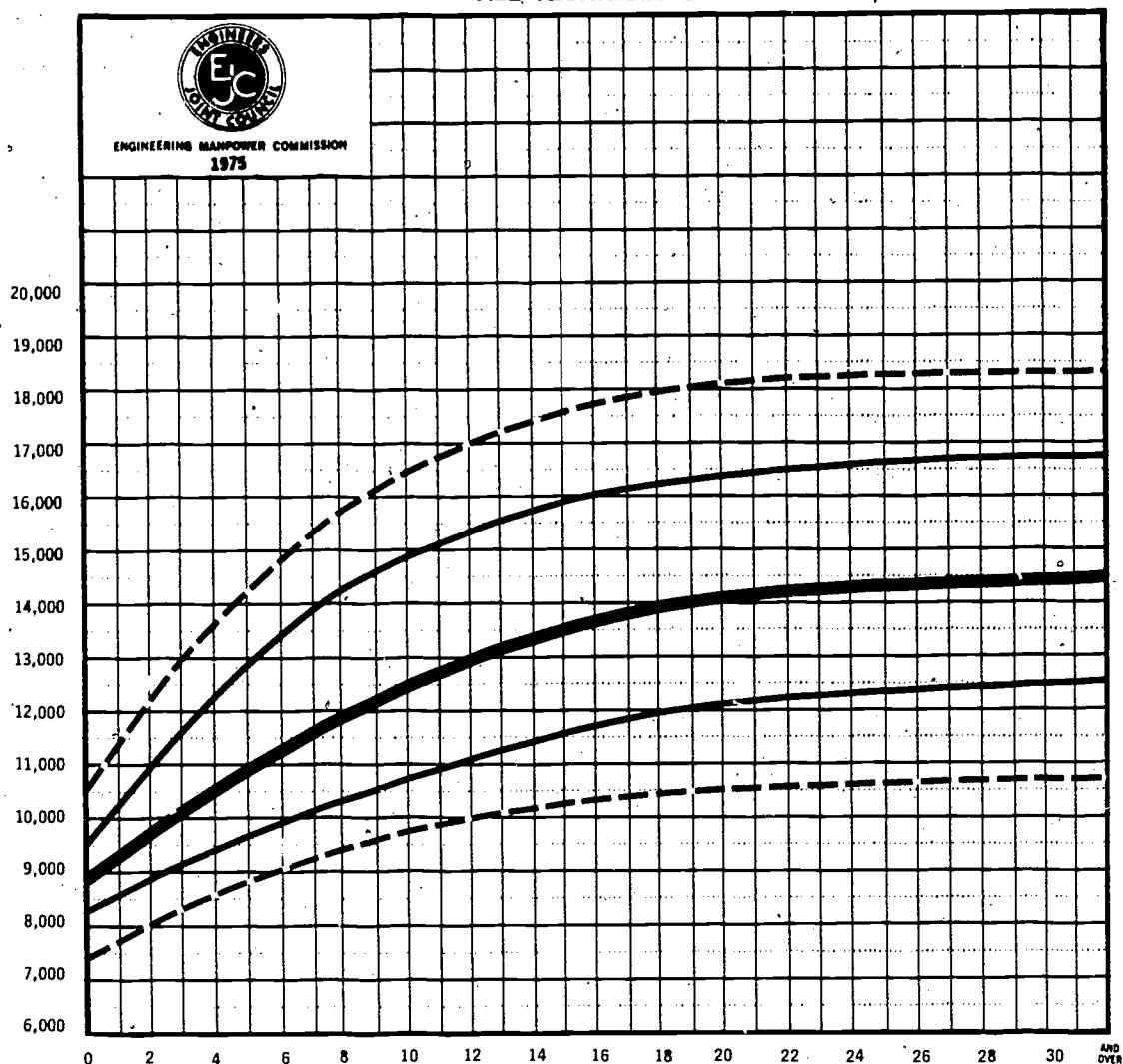
Upper Decile	---	TOTAL NUMBER	665	667	646	580	540	423	413	484	248
Upper Quartile	=====	NUMBERS OVER \$20000	0	0	0	1	4	0	1	3	1
Median	=====	NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0
Lower Quartile	=====										
Lower Decile	---										

NUMBER OF TECHNICIANS COVERED - 6003

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

ELECTRONIC EQUIPMENT  
ALL TECHNICIANS



YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	10,500	11,400	12,150	12,900	13,550	14,200	14,750	15,250	15,750
UPPER QUARTILE	9,550	10,250	10,950	11,600	12,250	12,800	13,300	13,750	14,200
MEDIAN	8,800	9,250	9,650	10,100	10,500	10,800	11,200	11,550	11,800
LOWER QUARTILE	8,300	8,600	8,900	9,150	9,400	9,700	9,900	10,100	10,350
LOWER DECILE	7,450	7,750	8,050	8,350	8,600	8,800	9,050	9,250	9,400
MEAN	9,050	9,500	9,950	10,400	10,850	11,200	11,600	11,900	12,250
TOTAL NUMBER	68	163	211	189	139	244	295	285	297
NUMBERS OVER \$20,000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7,000	8	8	1	3	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	16,450	17,200	17,700	18,000	18,150	18,250	18,300	18,300	18,300
UPPER QUARTILE	14,850	15,500	16,050	16,350	16,500	16,600	16,650	16,650	16,700
MEDIAN	12,400	13,100	13,600	13,950	14,150	14,300	14,400	14,500	14,500
LOWER QUARTILE	10,750	11,250	11,650	11,950	12,200	12,350	12,500	12,550	12,600
LOWER DECILE	9,750	10,100	10,300	10,450	10,550	10,600	10,600	10,650	10,650
MEAN	12,750	13,400	13,900	14,100	14,300	14,400	14,500	14,550	14,550
TOTAL NUMBER	527	610	319	234	261	287	229	362	322
NUMBERS OVER \$20,000	0	1	4	2	1	6	3	0	9
NUMBERS UNDER \$7,000	0	1	1	2	0	2	2	2	2

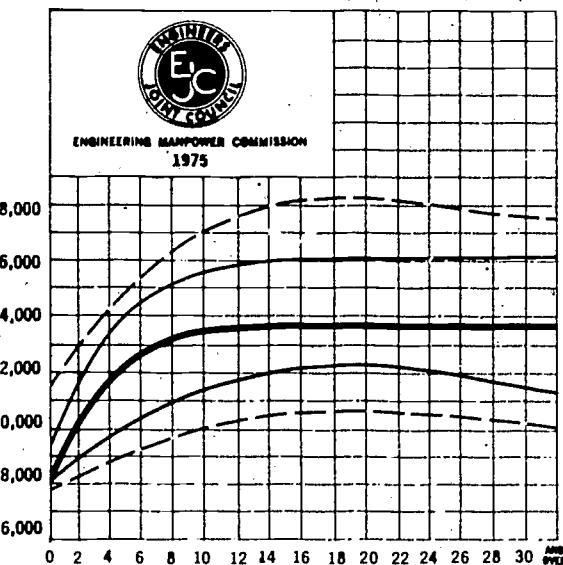
NUMBER OF TECHNICIANS COVERED - 4622

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

# ELECTRONIC EQUIPMENT

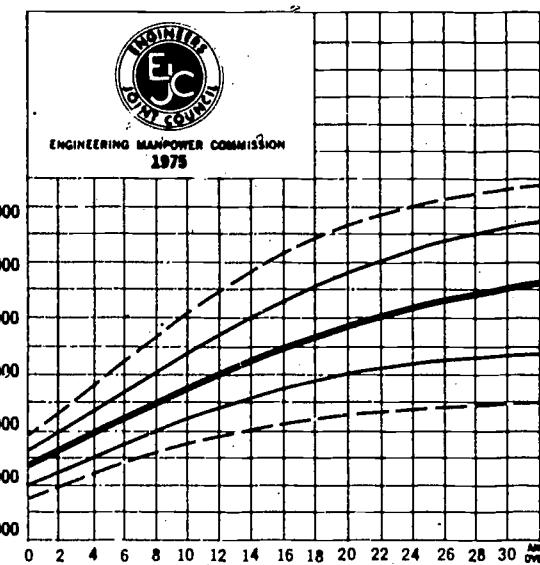
Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

## 2-YEAR GRADUATES



Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

## NON GRADUATES



## 2-YEAR GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	11500	12150	12800	13450	14100	14700	15250	15750	16250
UPPER QUARTILE	9600	10750	11750	12650	13400	14000	14500	14900	15200
MEDIAN	8200	9250	10200	11000	11700	12250	12700	13000	13250
LOWER QUARTILE	6400	7750	9050	9400	9700	10000	10300	10600	10850
LOWER DECILE	7850	8100	8350	8600	8850	9100	9300	9500	9700
MEAN	9300	9450	10400	10950	11450	11900	12350	12750	13100
TOTAL NUMBER	32	167	124	116	64	138	194	169	168
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	0	4	0	0	0	0	0	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	17050	17400	18200	18250	18150	17950	17700	17500	17300
UPPER QUARTILE	15600	15950	16050	16100	16100	16150	16150	16150	16150
MEDIAN	13500	13650	13700	13700	13700	13700	13700	13700	13700
LOWER QUARTILE	11350	11550	12150	12250	12200	12000	11700	11300	10750
LOWER DECILE	10050	10400	10650	10700	10650	10550	10350	10050	9650
MEAN	13650	14150	14300	14250	14050	13850	13650	13500	13300
TOTAL NUMBER	272	211	166	105	90	99	58	58	42
NUMBERS OVER \$20000	0	1	4	2	0	3	0	0	0
NUMBERS UNDER \$7000	0	1	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 2209

## NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	9950	10350	10800	11200	11650	12100	12500	12950	13350
UPPER QUARTILE	9250	9670	9950	10350	10700	11050	11400	11750	12100
MEDIAN	8850	9100	9400	9650	9950	10200	10500	10750	11050
LOWER QUARTILE	8050	8300	8550	8800	9050	9250	9550	9750	9950
LOWER DECILE	7500	7700	7950	8150	8350	8550	8750	8950	9100
MEAN	8750	9050	9350	9650	9950	10250	10550	10850	11150
TOTAL NUMBER	36	60	87	73	75	106	101	116	129
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	0	4	1	3	0	0	0	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	14200	15750	16100	17150	17750	18250	18550	18800	18950
UPPER QUARTILE	12800	13400	14650	15600	16050	16600	17000	17400	17700
MEDIAN	11550	12700	12950	13550	14050	14500	14800	15150	15450
LOWER QUARTILE	10400	10850	11450	11850	12200	12500	12700	12850	13050
LOWER DECILE	9400	9850	10200	10450	10650	10800	10900	11000	11050
MEAN	11700	12450	13100	13650	14100	14450	14750	15000	15200

### LEGEND

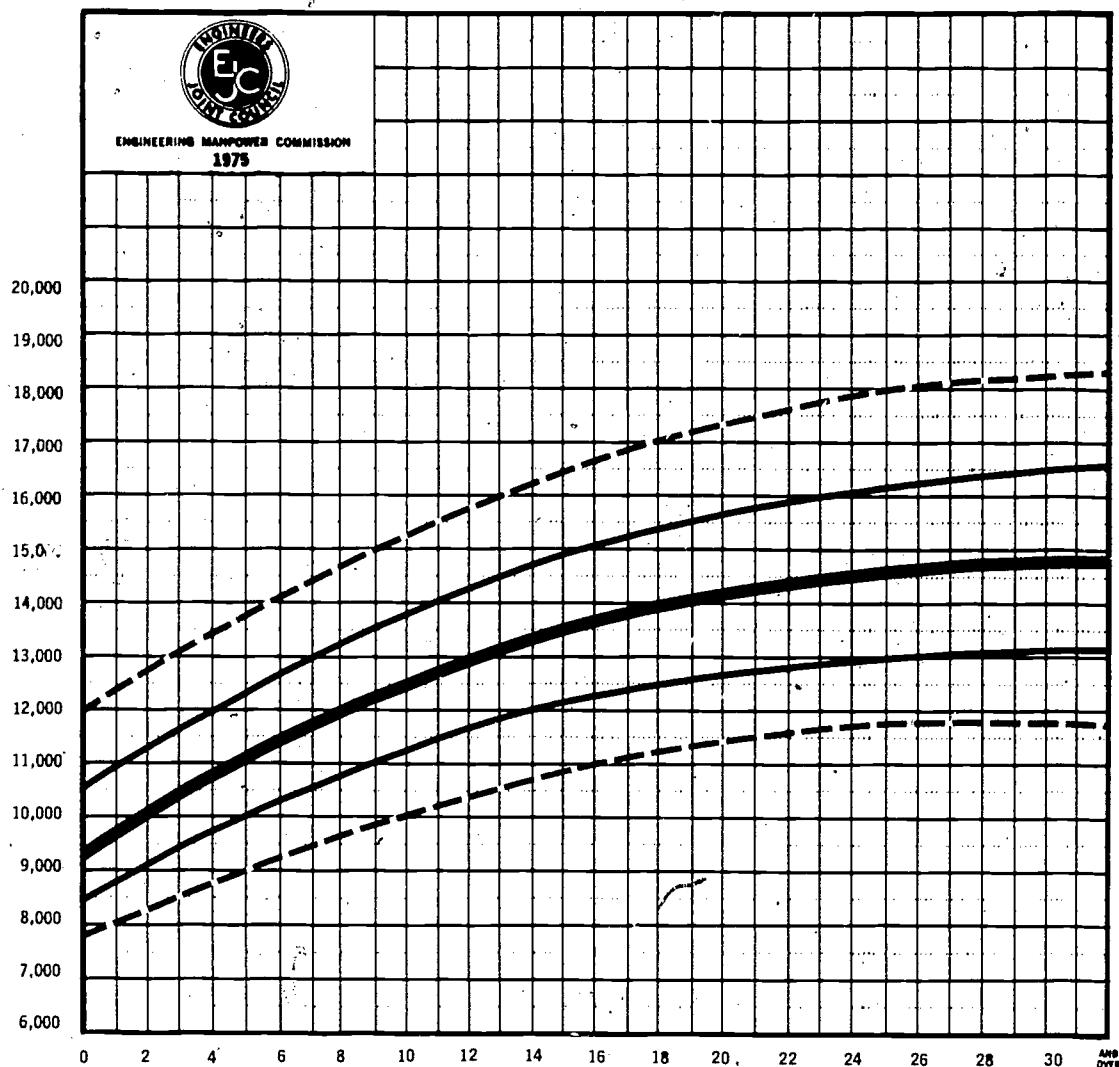
Upper Decile	— — — —	TOTAL NUMBER	255	199	153	129	151	188	171	304	280
Upper Quartile	— — — —	NUMBERS OVER \$20000	0	0	0	0	1	3	3	0	9
Median	— — — —	NUMBERS UNDER \$7000	0	0	1	2	0	2	2	2	2
Lower Quartile	— — — —										
Lower Decile	— — — —										

NUMBER OF TECHNICIANS COVERED - 2613

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

ALL CONSUMER PRODUCTS  
ALL TECHNICIANS



YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	12000	12700	12700	13050	13400	13750	14050	14350	14650
UPPER QUARTILE	10600	10900	11300	11650	11950	12300	12600	12900	13200
MEDIAN	9300	9700	10050	10400	10700	11050	11350	11650	11950
LOWER QUARTILE	8500	8950	9150	9450	9750	10000	10250	10500	10750
LOWER DECILE	7850	8100	8300	8550	8750	9000	9200	9400	9650
MEAN	9650	10000	10300	10650	10950	11250	11550	11800	12100
TOTAL NUMBER	73	47	80	92	70	93	77	93	99
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	0	0	0	1	0	0	1	1	1
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	15200	15900	16600	17100	17550	17850	18100	18350	18500
UPPER QUARTILE	13750	14450	15050	15550	15900	16200	16400	16600	16700
MEDIAN	12450	13150	13650	14050	14350	14550	14700	14850	14900
LOWER QUARTILE	11200	11750	12200	12500	12750	12950	13050	13150	13200
LOWER DECILE	10000	10550	11000	11350	11600	11700	11750	11700	11500
MEAN	12550	13200	13700	14100	14400	14600	14750	14900	14950
TOTAL NUMBER	177	152	152	166	157	160	177	240	222
NUMBERS OVER \$20000	1	0	1	2	0	0	3	9	11
NUMBERS UNDER \$7000	0	0	0	0	0	0	1	0	1

NUMBER OF TECHNICIANS COVERED - 2277

LEGEND

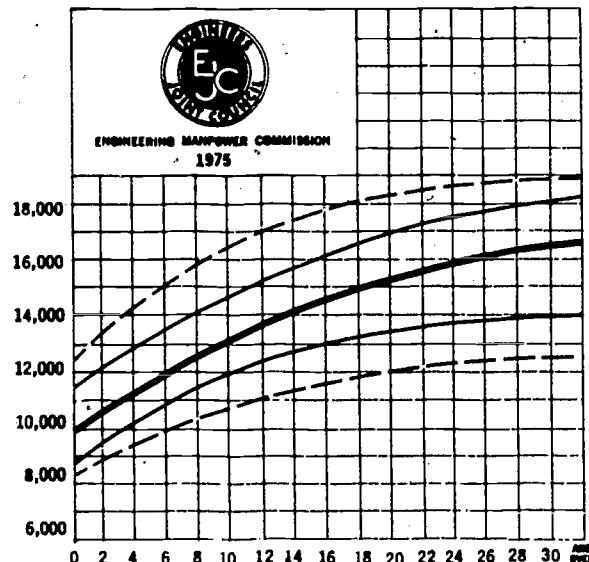
- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

# ALL CONSUMER PRODUCTS

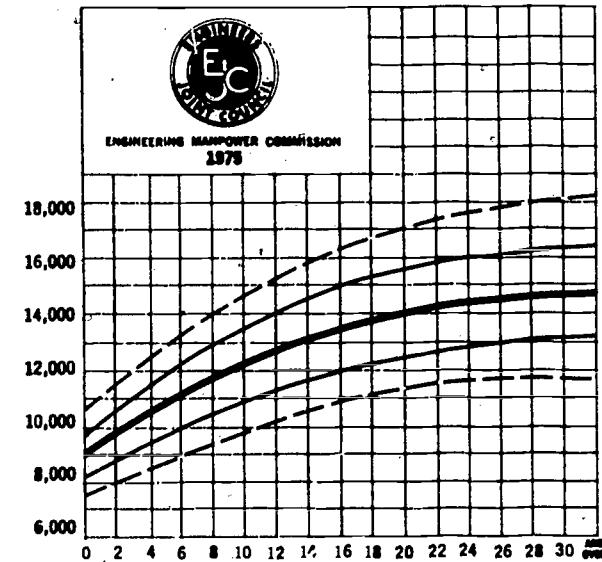
## Annual Salary by Equivalent Years Since Graduation from Technical Institute\*

### 2-YEAR GRADUATES



## Annual Salary by Equivalent Years Since Graduation from Technical Institute\*

### NON GRADUATES



### 2-YEAR GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	12400	12900	13350	13800	14250	14650	15050	15400	15750
UPPER QUARTILE	11550	11900	12250	12550	12900	13200	13500	13800	14100
MEDIAN	10000	10300	10600	10900	11200	11500	11800	12100	12400
LOWER QUARTILE	8700	9050	9450	9800	10150	10500	10850	11150	11450
LOWER DECILE	8350	8600	8900	9150	9400	9650	9900	10150	10350
MEAN	10100	10500	10850	11200	11550	11850	12200	12500	12800
TOTAL NUMBER	9	33	37	49	31	45	31	26	25
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	16600	17150	17750	18200	18500	18700	18850	18950	19000
UPPER QUARTILE	14700	15500	16150	16750	17250	17650	17950	18250	18500
MEDIAN	12950	13750	14450	15050	15550	15950	16300	16600	16900
LOWER QUARTILE	11950	12680	13050	13400	13650	13800	13900	14000	14050
LOWER DECILE	10750	11250	11650	11950	12200	12350	12500	12600	12650
MEAN	13350	14050	14650	15150	15500	15750	15950	16100	16250
TOTAL NUMBER	47	36	24	15	13	17	16	10	10
NUMBERS OVER \$20000	1	0	1	1	0	0	1	2	3
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 474

### NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	10750	11150	11600	12000	12400	12800	13200	13600	13950
UPPER QUARTILE	9700	10100	10550	11000	11400	11800	12200	12550	12900
MEDIAN	9050	9400	9750	10100	10450	10800	11100	11400	11700
LOWER QUARTILE	8200	8500	8800	9100	9400	9650	9950	10200	10450
LOWER DECILE	7450	7700	7950	8200	8450	8700	8950	9200	9400
MEAN	9000	9400	9750	10100	10450	10800	11150	11450	11750
TOTAL NUMBER	15	14	43	43	39	48	66	67	74
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	0	0	0	1	0	0	0	1	1
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	14650	15550	16300	16900	17350	17700	18000	18200	18350
UPPER QUARTILE	13550	14400	15000	15500	15850	16100	16250	16400	16650
MEDIAN	12200	12900	13450	13900	14200	14600	14600	14750	14850
LOWER QUARTILE	10900	11500	12000	12350	12650	12900	13050	13150	13200
LOWER DECILE	9850	10450	10950	11350	11600	11700	11750	11700	11500
MEAN	12300	13000	13550	13950	14200	14500	14650	14800	14850
TOTAL NUMBER	170	116	128	151	144	143	161	230	212
NUMBERS OVER \$20000	0	0	0	1	0	0	2	0	6
NUMBERS UNDER \$7000	0	0	0	0	0	0	1	0	1

NUMBER OF TECHNICIANS COVERED - 1803

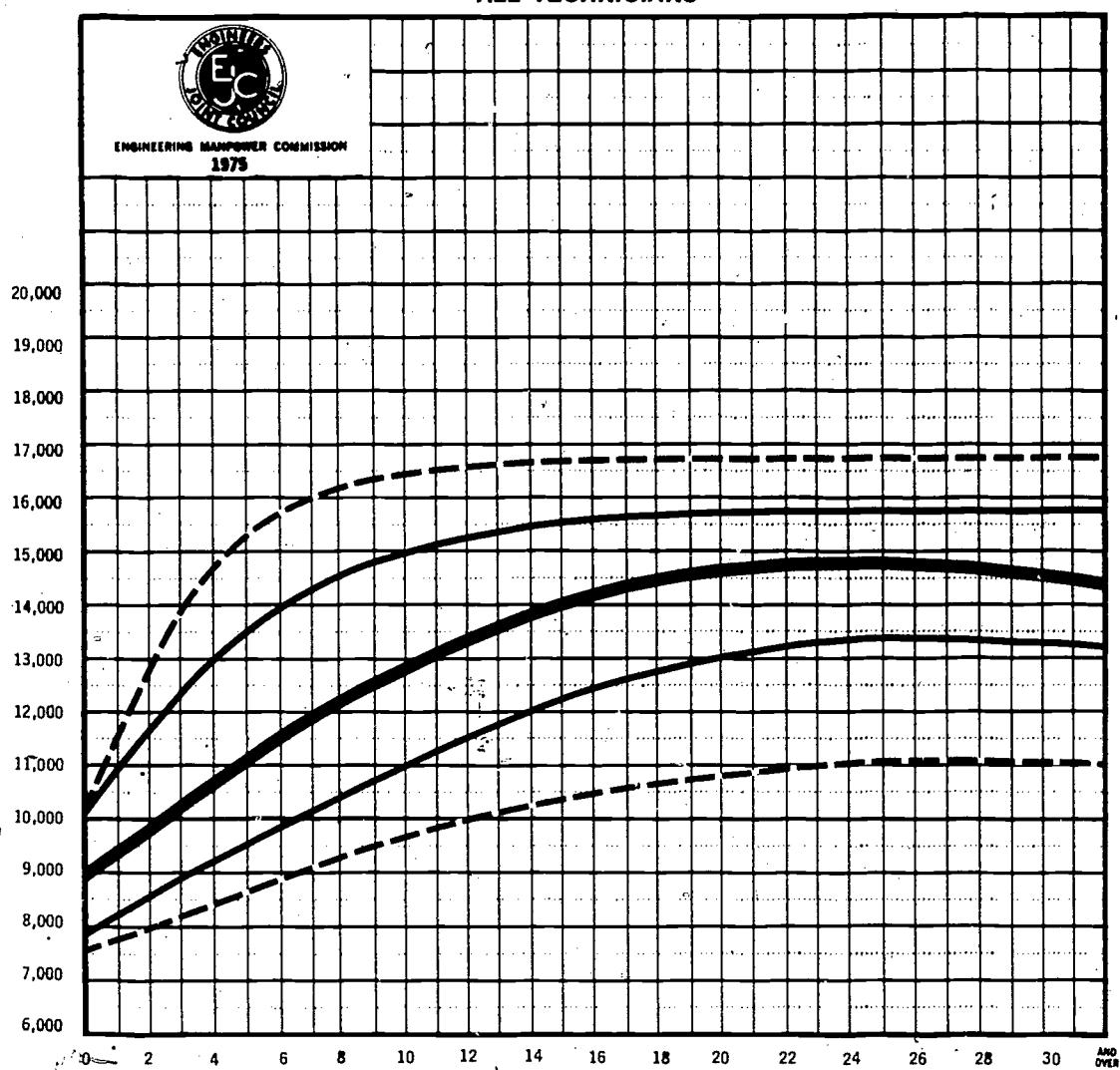
\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

### LEGEND

Upper Decile	— — — —
Upper Quartile	— — — — —
Median	— — — — — —
Lower Quartile	— — — — — — —
Lower Decile	— — — — — — — —

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

CHEMICALS  
ALL TECHNICIANS



YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	10100	11700	13000	14050	14800	15350	15750	16050	16200
UPPER QUARTILE	10200	11050	11800	12450	13000	13500	13900	14250	14550
MEDIAN	8950	9400	9800	10200	10600	11000	11400	11800	12150
LOWER QUARTILE	7900	8200	8550	8850	9150	9450	9800	10100	10400
LOWER DECILE	7550	7750	8000	8200	8400	8650	8850	9050	9250
MEAN	9100	9650	10150	10650	11100	11500	11900	12200	12500

TOTAL NUMBER	12	21	18	21	10	19	20	22	14
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	0	0	0	1	0	0	0	0	0

LEGEND

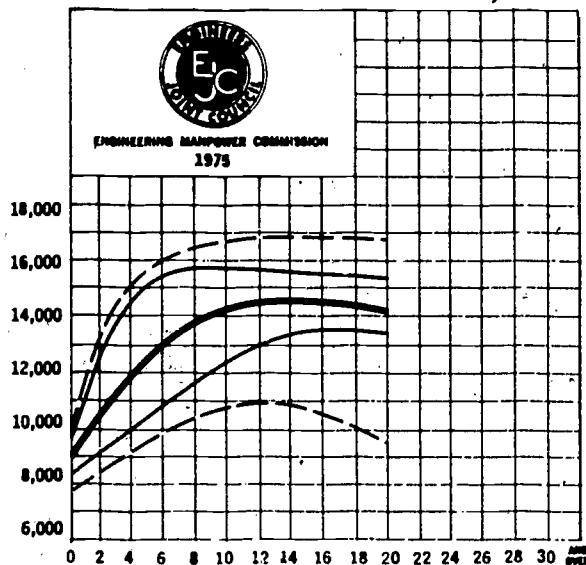
Upper Decile	---	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
Upper Quartile	----	16450	16600	16650	15650	16700	16700	16700	16700
Median	-----	14950	15350	15550	15650	15700	15700	15700	15700
Lower Quartile	---	12800	13600	14200	14550	14700	14700	14600	14400
Lower Decile	---	11000	11800	12450	12950	13250	13400	13350	13150
MEAN	13000	13550	13850	14050	14200	14250	14300	14350	14350
TOTAL NUMBER	40	27	27	35	42	53	43	46	39
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 509

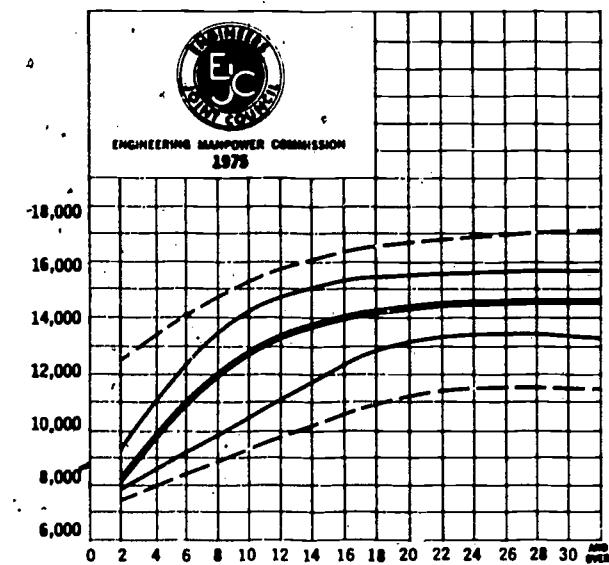
\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

# CHEMICALS

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\* 2-YEAR GRADUATES



Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\* NON GRADUATES



## 2-YEAR GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	10000	11750	13150	14200	15600	16000	16250	16500	16750
UPPER QUARTILE	9950	11750	12600	13600	15000	15400	15650	15900	16150
MEDIAN	9050	9850	10600	11300	12550	13050	13450	13850	14250
LOWER QUARTILE	8350	8750	9150	9550	10400	10850	11250	11650	12050
LOWER DECILE	7850	8200	8600	8950	9600	9900	10200	10500	10800
MEAN	9350	10300	10700	11750	12450	12950	13350	13750	14150
TOTAL NUMBER	8	17	9	14	2	10	12	5	3
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	16700	16800	16850	16950	0	0	0	0	0
UPPER QUARTILE	15750	15600	15400	15300	0	0	0	0	0
MEDIAN	14250	14450	14600	14200	0	0	0	0	0
LOWER QUARTILE	12400	13200	13600	13400	0	0	0	0	0
LOWER DECILE	11750	11600	11750	9550	0	0	0	0	0
MEAN	14150	14150	14150	13750	0	0	0	0	0
TOTAL NUMBER	9	6	5	5	3	3	2	0	1
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 144

## NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	0	0	12450	12900	13300	13700	14050	14400	14700
UPPER QUARTILE	0	0	9350	10200	11000	11700	12150	12550	13450
MEDIAN	0	0	8200	8950	9650	10350	10950	11500	11950
LOWER QUARTILE	0	0	7900	8200	8550	8850	9200	9550	9850
LOWER DECILE	0	0	7450	7650	7850	8100	8350	8600	8850
MEAN	0	0	8850	9450	10650	10600	11100	11550	11950
TOTAL NUMBER	4	6	9	7	8	9	8	17	14
NUMBERS OVER 120000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	0	0	0	1	0	0	0	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	15250	15450	16300	15600	15800	15900	17000	17050	17750
UPPER QUARTILE	14200	14950	15350	15550	15700	15750	14750	15750	15750
MEDIAN	12750	13550	14000	14300	14400	14500	14500	14550	14550
LOWER QUARTILE	10550	11450	12300	12900	13350	13550	13550	13250	12450
LOWER DECILE	9300	10000	10600	11050	11400	11600	11650	11450	10750
MEAN	12650	13350	13800	14050	14200	14300	14750	14350	14350

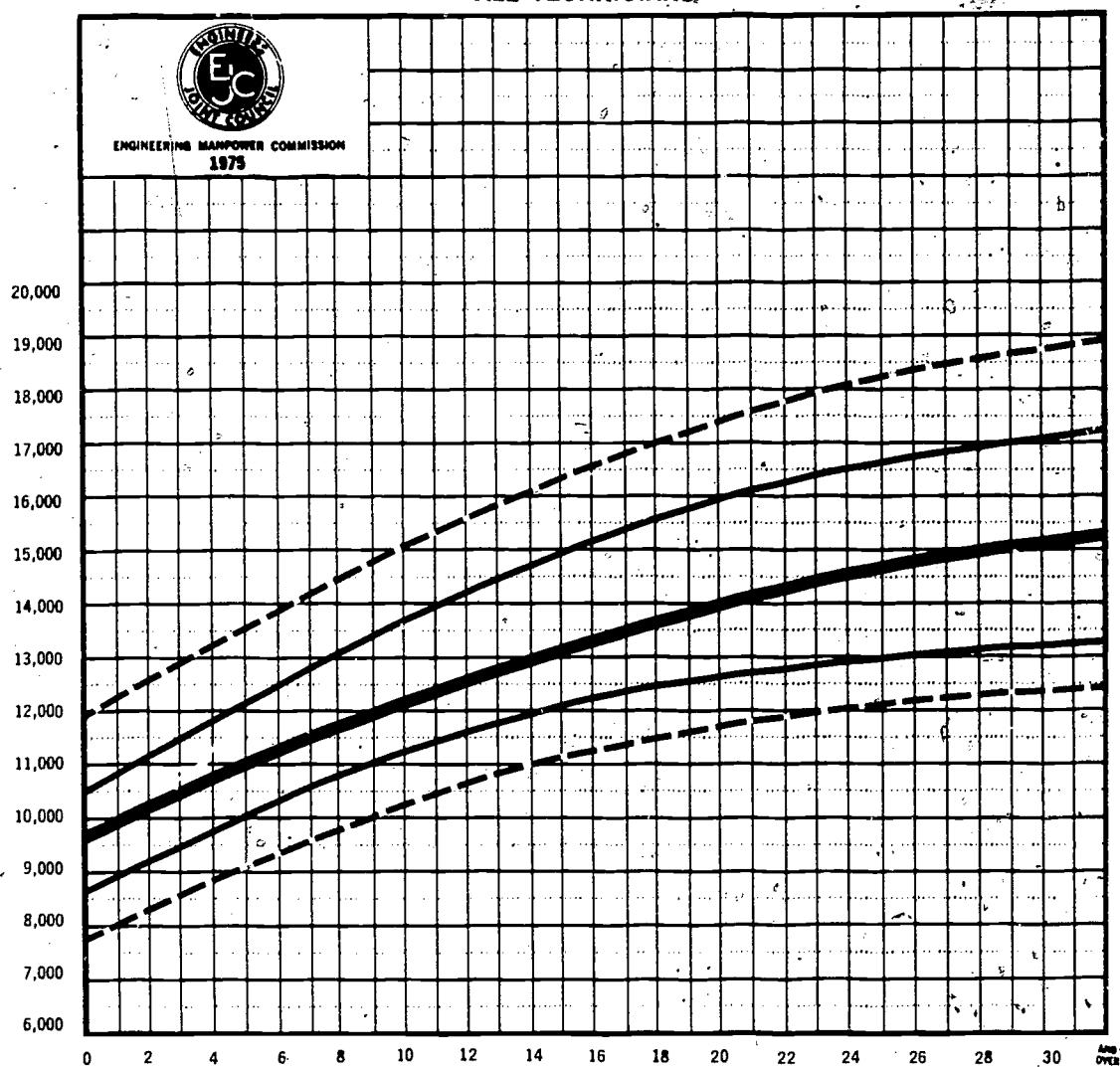
## LEGEND

Upper Decile	— — — —	TOTAL NUMBER	31	21	22	30	39	50	41	46	38
Upper Quartile	— — —	NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
Median	— — —	NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0
Lower Quartile	— — —	NUMBER OF TECHNICIANS COVERED -	395								
Lower Decile	— — —										

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

PETROLEUM INDUSTRY  
ALL TECHNICIANS.



YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	11900	12250	12550	12900	13200	13550	13850	14150	14450
UPPER QUARTILE	10550	10000	11200	11550	11850	12150	12500	12800	13100
MEDIAN	9750	10000	10250	10500	10700	10950	11200	11450	11650
LOWER QUARTILE	8600	8900	9200	9500	9750	10050	10300	10550	10800
LOWER DECILE	7800	8100	8350	8600	8850	9050	9300	9550	9750
MEAN	9700	10000	10300	10600	10850	11150	11400	11700	11950
TOTAL NUMBER	17	20	47	49	51	49	56	65	71
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	1	0	2	0	0	0	0	2	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	15050	15850	16550	17200	17750	18200	18600	18950	19250
UPPER QUARTILE	13650	14450	15150	15750	16200	16650	16950	17250	17500
MEDIAN	12100	12750	13350	13650	14300	14650	15000	15300	15600
LOWER QUARTILE	11200	11800	12250	12600	12850	13050	13150	13300	13350
LOWER DECILE	10200	10750	11250	11600	11900	12150	12300	12450	12550
MEAN	12450	13100	13700	14200	14600	14950	15200	15400	15600
TOTAL NUMBER	117	104	90	111	126	129	129	138	168
NUMBERS OVER \$20000	0	0	0	1	1	0	4	11	13
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 1579

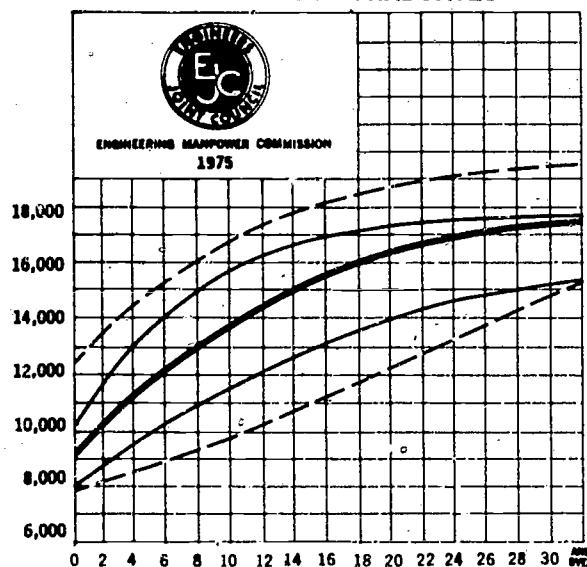
\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

# PETROLEUM INDUSTRY

Annual Salary by Equivalent

Years Since Graduation

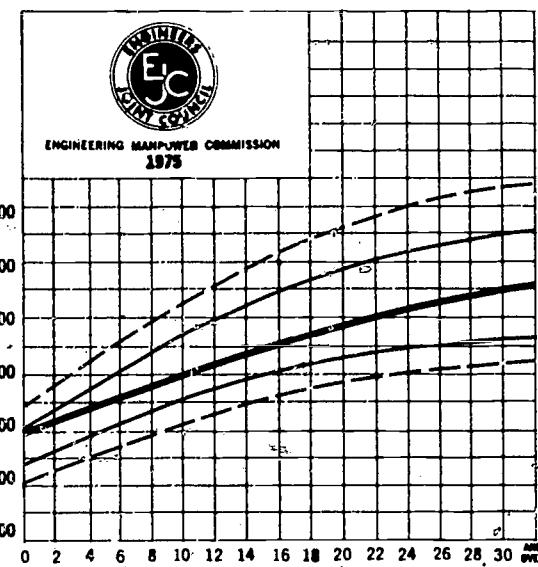
from Technical Institute\* 2-YEAR GRADUATES



Annual Salary by Equivalent

Years Since Graduation

from Technical Institute\* NON GRADUATES



## 2-YEAR GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	12500	13000	13500	13950	14400	14850	15250	15650	16000
UPPER QUARTILE	10250	11100	11700	12400	13050	13600	14150	14650	15050
MEDIAN	9200	9700	10200	10650	11150	11600	12050	12500	12900
LOWER QUARTILE	8100	8450	8900	9100	9450	9800	10150	10450	10800
LOWER DECILE	7850	8000	8200	8350	8550	8750	8950	9150	9350
MEAN	9700	10100	10500	10900	11300	11700	12050	12400	12750
TOTAL NUMBER	7	9	17	20	16	14	8	11	12
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	0	0	1	0	0	0	0	2	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	16700	17500	18150	18600	18950	19200	19350	19450	0
UPPER QUARTILE	15750	16500	16950	17250	17400	17500	17500	17550	0
MEDIAN	13700	14700	15550	16200	16650	17000	17200	17400	0
LOWER QUARTILE	11450	12300	13050	13750	14250	14700	15000	15300	0
LOWER DECILE	9750	10400	11150	11900	12700	13550	14450	15700	0
MEAN	13450	14300	15050	15650	16150	16500	16750	16950	0
TOTAL NUMBER	19	15	6	6	10	12	9	10	4
NUMBERS OVER \$20000	0	0	0	0	0	0	1	2	1
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 205

## NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	10900	11250	11650	12050	12400	12750	13150	13500	13850
UPPER QUARTILE	10100	10450	10800	11150	11500	11850	12150	12500	12800
MEDIAN	10000	10200	10400	10600	10800	11000	11200	11400	11600
LOWER QUARTILE	8800	9050	9350	9600	9850	10100	10300	10550	10750
LOWER DECILE	8150	8350	8600	8800	9000	9250	9450	9650	9850
MEAN	9550	9850	10150	10400	10700	11000	11250	11500	11750
TOTAL NUMBER	10	11	30	29	35	35	40	54	59
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	1	0	1	0	0	0	0	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	16550	16500	16300	17050	17650	18100	18500	18850	19150
UPPER QUARTILE	13400	14250	14950	15550	16100	16500	16800	17100	17300
MEDIAN	11950	12550	13050	13550	14050	14450	14800	15250	15750
LOWER QUARTILE	11150	11700	12100	12450	12750	12950	13100	13250	13350
LOWER DECILE	10200	10750	11200	11600	11900	12150	12300	12450	12550

## LEGEND

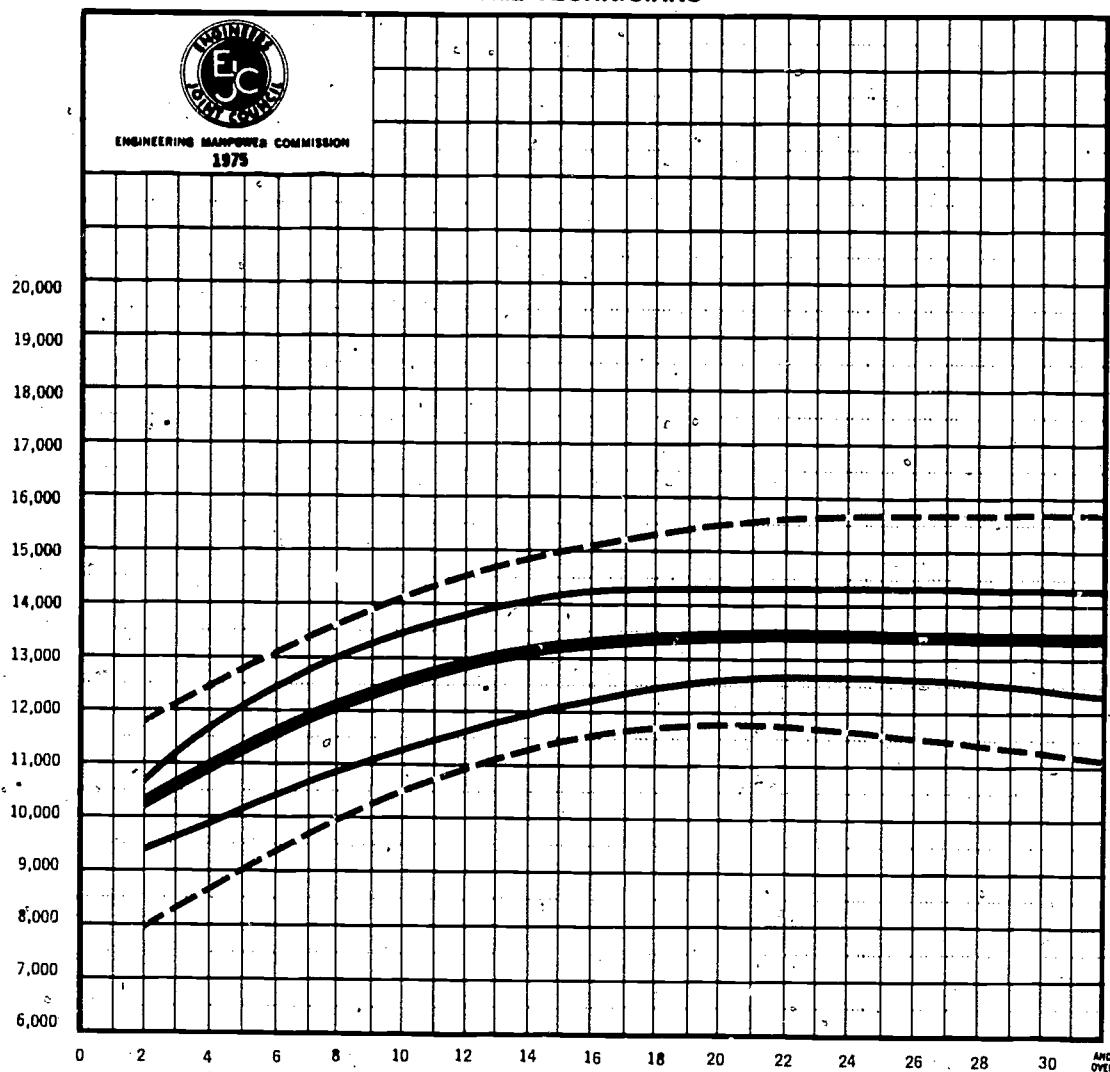
Upper Decile	— — — —
Upper Quartile	— — —
Median	— — —
Lower Quartile	— — —
Lower Decile	— — —

NUMBER OF TECHNICIANS COVERED - 1374

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

PAPER  
ALL TECHNICIANS



YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	11400	12150	12450	12800	13100	13350	13600		
UPPER QUARTILE	10650	11150	11600	12000	12350	12700	13000		
MEDIAN	10250	10650	10950	11300	11600	11850	12100		
LOWER QUARTILE	9400	9650	9950	10150	10350	10600	10850		
LOWER DECILE	7950	8300	8650	9000	9350	9650	9950		
MEAN	10050	10400	10750	11050	11400	11700	11950		

TOTAL NUMBER	4	1	5	5	6	16	8	10	15
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	1	1

LEGEND

Upper Decile	---	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
Upper Quartile	—	14100	14650	15000	15750	15500	15600	15650	15650	15650
Median	—	13450	13950	14200	14300	14350	14350	14350	14300	14300
Lower Quartile	—	12500	13000	13250	13400	13450	13450	13400	13400	13350
Lower Decile	---	11250	11750	12150	12450	12600	12600	12550	12350	11900
MEAN	—	10500	11150	11550	11700	11700	11550	11400	11100	10800
TOTAL NUMBER	30	28	39	29	29	21	26	30	26	
NUMBERS OVER \$20000	1	0	.1	1	0	0	0	0	0	
NUMBERS UNDER \$7000	0	0	.3	0	0	0	1	0	0	

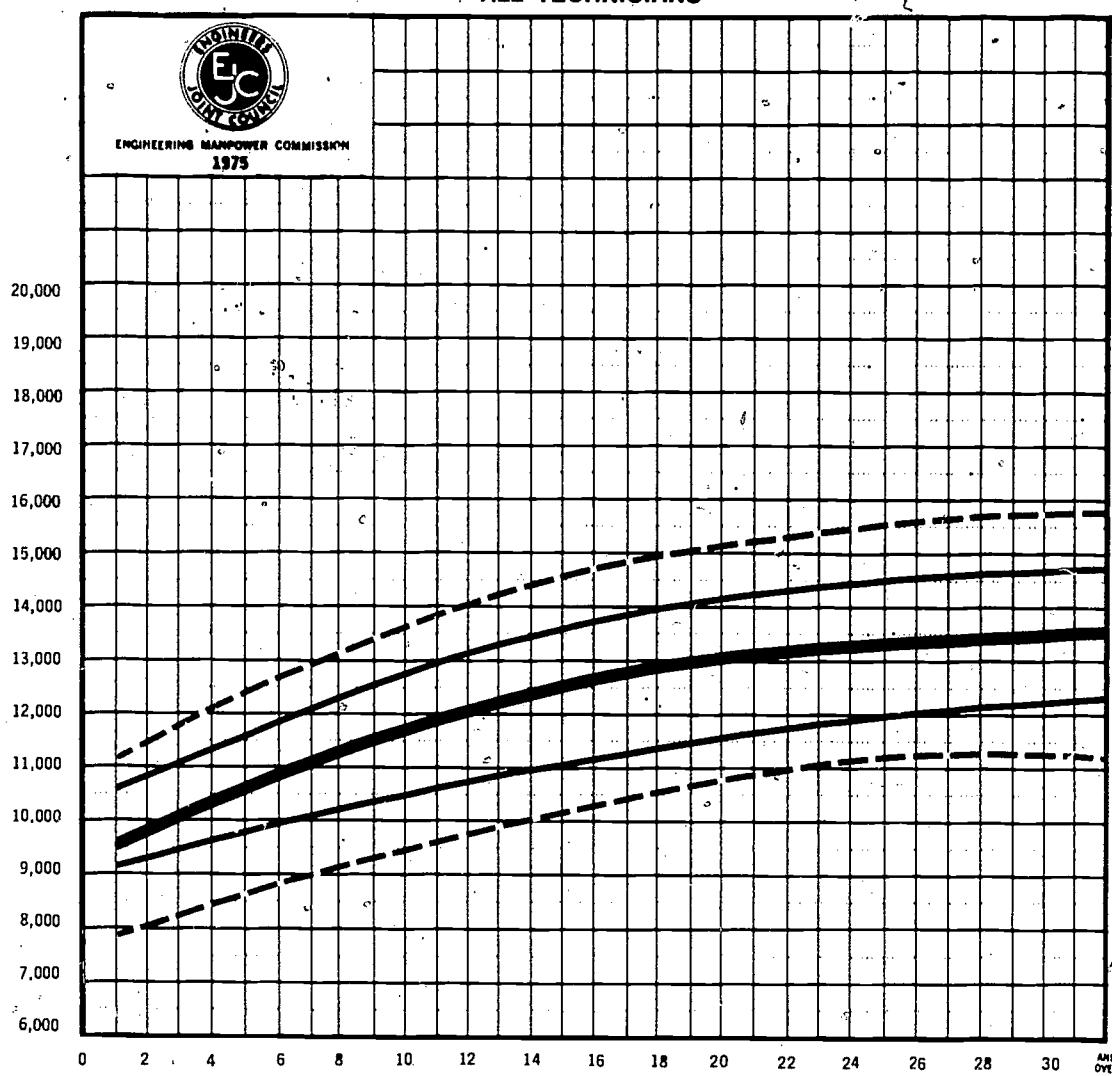
NUMBER OF TECHNICIANS COVERED - 328

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

## MISCELLANEOUS MANUFACTURING

### ALL TECHNICIANS



YEARS	0	1	2	3	4	5	6	7	8	A
UPPER DECILE	11,150	11,450	11,750	12,050	12,350	12,600	12,850	13,100	13,350	13,600
UPPER QUARTILE	10,550	10,850	11,050	11,300	11,550	11,800	12,050	12,250	12,500	12,750
MEDIAN	9,550	9,800	10,100	10,350	10,600	10,850	11,050	11,250	11,500	11,750
LOWER QUARTILE	9,150	9,300	9,450	9,600	9,750	9,850	10,000	10,150	10,300	10,500
LOWER DECILE	7,900	8,100	8,250	8,450	8,600	8,800	8,950	9,100	9,250	9,400
MEAN	9,750	10,000	10,200	10,450	10,650	10,850	11,050	11,250	11,450	11,650
TOTAL NUMBER	2	10	23	25	16	21	19	15	25	25
NUMBERS OVER \$20,000	0	0	1	0	0	0	0	0	0	0
NUMBERS UNDER \$7,000	0	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	13,600	14,150	14,650	15,000	15,300	15,500	15,650	15,800	15,850
UPPER QUARTILE	12,700	13,250	13,700	14,050	14,300	14,500	14,600	14,700	14,750
MEDIAN	11,650	12,150	12,600	12,900	13,150	13,300	13,450	13,550	13,600
LOWER QUARTILE	10,400	10,800	11,150	11,500	11,750	12,000	12,150	12,300	12,350
LOWER DECILE	8,450	9,950	10,350	10,750	11,000	11,200	11,250	11,200	10,600
MEAN	11,600	12,050	12,500	12,800	13,050	13,300	13,450	13,600	13,700
TOTAL NUMBER	50	43	48	49	40	30	36	48	55
NUMBERS OVER \$20,000	0	0	0	0	0	0	0	1	4
NUMBERS UNDER \$7,000	0	0	0	0	0	0	0	0	0

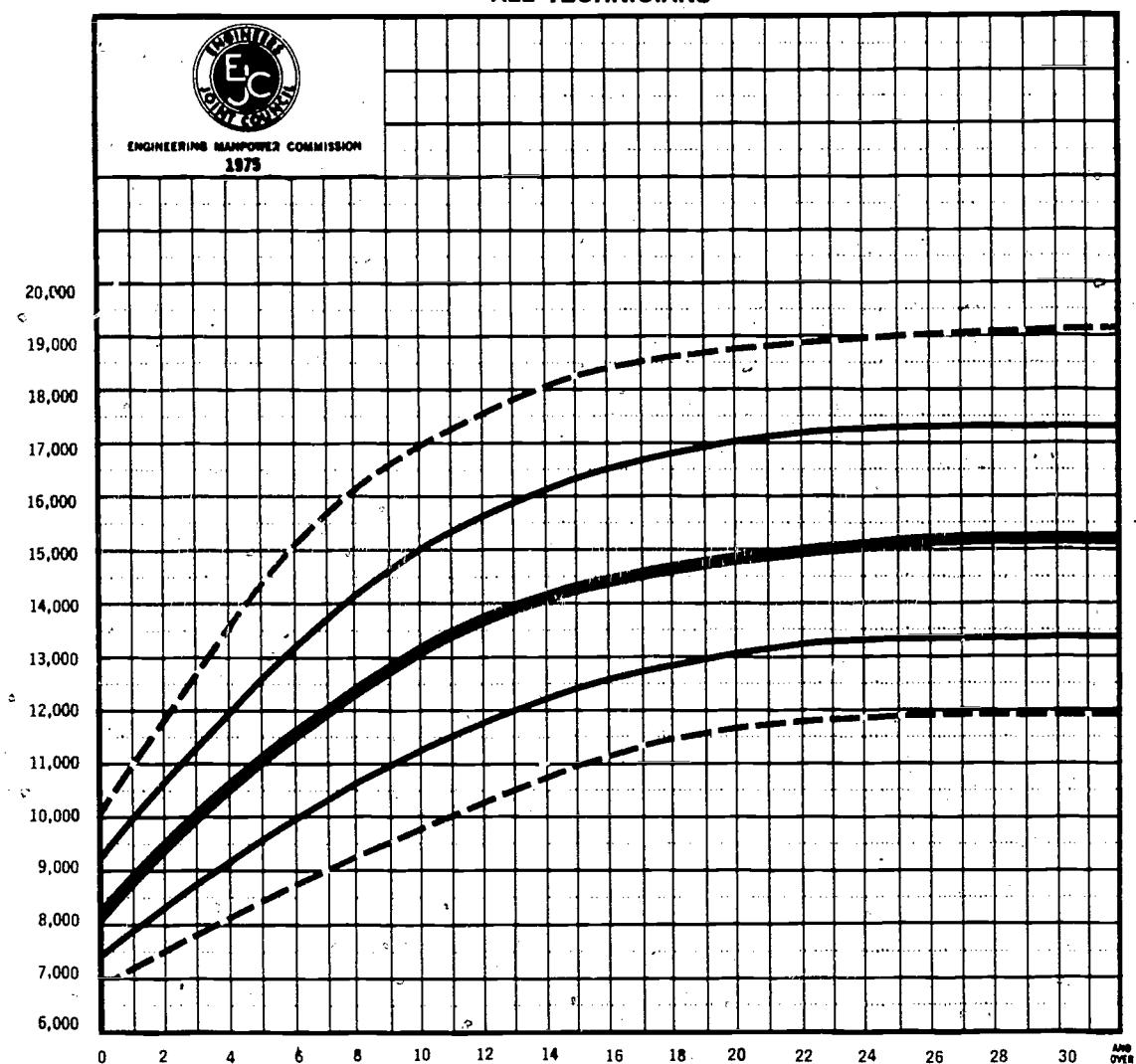
NUMBER OF TECHNICIANS COVERED - 555

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

## ALL NONMANUFACTURING INDUSTRY

### ALL TECHNICIANS



#### LEGEND

Upper Decile	— — —
Upper Quartile	— — — —
Median	— — — — —
Lower Quartile	— — — — — —
Lower Decile	— — — — — — —

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	10150	11050	11900	12750	13550	14250	14900	15500	16050
UPPER QUARTILE	9380	10000	10700	11350	12000	12600	13150	13700	14150
MEDIAN	8250	8850	9450	10000	10550	11050	11500	11950	12350
LOWER QUARTILE	7450	7900	8300	8700	9100	9500	9850	10250	10600
LOWER DECILE	7150	7450	7750	8050	8350	8650	8950	9250	9500
MEAN	8500	9100	9650	10200	10700	11200	11650	12050	12450
TOTAL NUMBER	259	390	482	508	544	499	622	602	580
NUMBERS OVER \$20000	0	0	0	0	1	0	0	0	1
NUMBERS UNDER \$7000	82	25	19	23	14	9	6	6	6

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	16900	17850	18400	18750	18900	19000	19050	19100	19100
UPPER QUARTILE	15000	15900	16500	16900	17150	17300	17350	17400	17400
MEDIAN	13050	13850	14400	14750	14950	15050	15150	15150	15200
LOWER QUARTILE	11200	12000	12550	12950	13200	13300	13350	13400	13400
LOWER DECILE	9800	10500	11100	11500	11800	11900	11950	11950	11900
MEAN	13150	13950	14500	14900	15100	15250	15350	15350	15400
TOTAL NUMBER	1392	1147	1025	892	728	802	683	947	979
NUMBERS OVER \$20000	12	19	27	24	45	34	41	54	60
NUMBERS UNDER \$7000	6	0	2	1	0	3	0	0	0

NUMBER OF TECHNICIANS COVERED - 13081

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

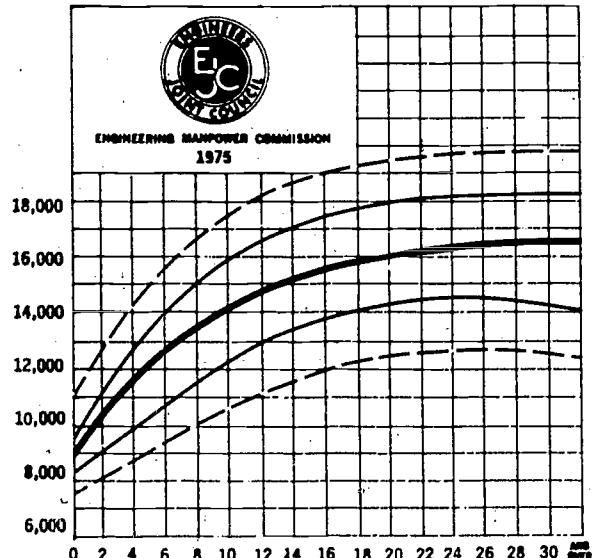
# ALL NONMANUFACTURING INDUSTRY

**Annual Salary by Equivalent**

**Years Since Graduation**

**from Technical Institute\***

## 2-YEAR GRADUATES

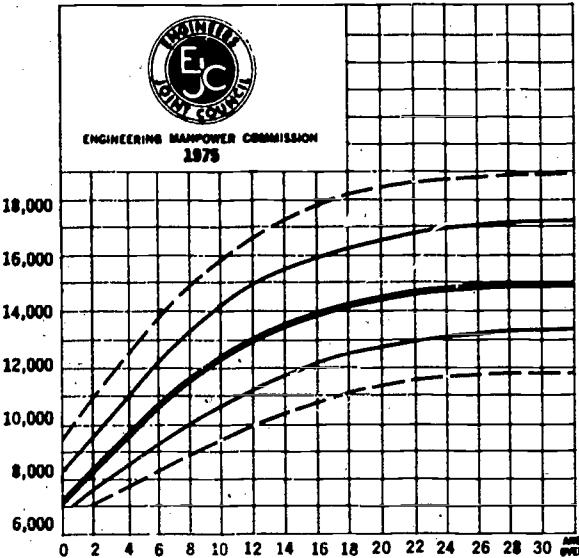


**Annual Salary by Equivalent**

**Years Since Graduation**

**from Technical Institute\***

## NON GRADUATES



## 2-YEAR GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	11000	11850	12650	13400	14150	14800	15450	16000	16500
UPPER QUARTILE	9550	10400	11150	11950	12650	13350	14000	14550	15100
MEDIAN	9050	9650	10250	10800	11400	11900	12450	12900	13350
LOWER QUARTILE	8300	8700	9100	9500	9950	10350	10750	11150	11500
LOWER DECILE	7650	7950	8250	8550	8850	9150	9450	9750	10050
MEAN	9200	9800	10350	10900	11450	11950	12400	12900	13300

TOTAL NUMBER	95	269	295	266	269	226	289	249	269
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	1
NUMBERS UNDER \$7000	14	1	3	5	1	3	3	2	1

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	17400	18350	19000	19350	19600	19750	19800	19850	19850
UPPER QUARTILE	15950	16900	17500	17900	18100	18200	18250	18300	18300
MEDIAN	14100	15000	15600	16000	16250	16400	16500	16550	16550
LOWER QUARTILE	12250	13150	13850	14300	14500	14500	14350	14050	13600
LOWER DECILE	10650	11400	12000	12450	12700	12800	12700	12450	11900
MEAN	14050	14900	15500	15900	16150	16300	16400	16450	16500

TOTAL NUMBER	549	415	308	246	165	164	123	128	113
NUMBERS OVER \$20000	8	15	17	11	19	16	14	25	22
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 4438

## NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	9500	10250	11000	11750	12450	13150	13870	14400	14950
UPPER QUARTILE	8350	9050	9700	10350	10950	11600	12150	12700	13250
MEDIAN	7350	7950	8550	9100	9650	10200	10700	11200	11650
LOWER QUARTILE	7200	7600	8050	8450	8850	9250	9650	10050	10500
LOWER DECILE	7100	7400	7700	8000	8300	8600	8900		
MEAN	7750	8300	8850	9400	9900	10400	10900	11350	11800

TOTAL NUMBER	164	121	187	242	275	273	333	353	311
NUMBERS OVER \$20000	0	0	0	0	1	0	0	0	0
NUMBERS UNDER \$7000	68	24	16	18	13	6	3	4	5

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	15900	17050	17800	18300	18600	18800	18900	18950	19000
UPPER QUARTILE	14450	15200	15950	16500	16400	17000	17100	17200	17200
MEDIAN	12400	13300	13950	14350	14650	14800	14900	14950	14950
LOWER QUARTILE	10700	11550	12200	12650	12950	13100	13250	13300	13350
LOWER DECILE	9450	10200	10850	11300	11600	11800	11850	11850	11750
MEAN	12550	13450	14100	14550	14800	15000	15100	15150	15200

### LEGEND

Upper Decile	—	—	—	—	—	—	—	—	—
Upper Quartile	—	—	—	—	—	—	—	—	—
Median	—	—	—	—	—	—	—	—	—
Lower Quartile	—	—	—	—	—	—	—	—	—
Lower Decile	—	—	—	—	—	—	—	—	—

NUMBER OF TECHNICIANS COVERED - 8643

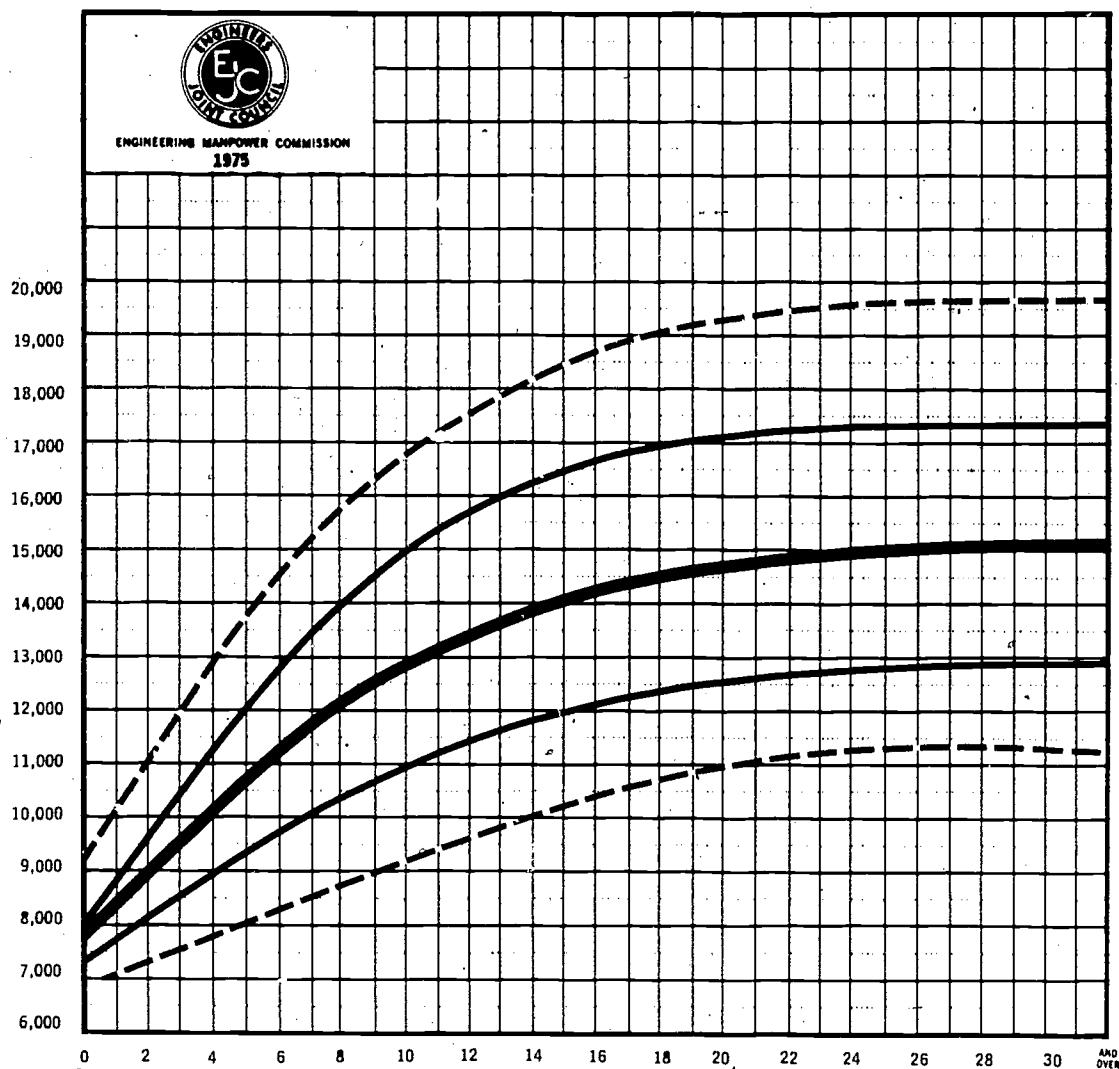
\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

CONSTRUCTION & CONSULTANTS  
ALL TECHNICIANS



ENGINEERING MANPOWER COMMISSION  
1975



YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	9250	10150	11050	11950	12850	13650	14450	15100	15750
UPPER QUARTILE	7900	8740	9650	10500	11300	12050	12750	13400	14000
MEDIAN	7650	8250	8850	9450	10050	10600	11100	11600	12050
LOWER QUARTILE	7300	7770	8100	8500	8900	9250	9650	9950	10300
LOWER DECILE	7050	7300	7500	7750	8000	8250	8500	8750	
MEAN	7620	8450	9050	9650	10250	10750	11300	11750	12200

TOTAL NUMBER	350	191	227	215	227	195	212	210	209
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	1
NUMBERS UNDER \$7000	62	14	14	21	12	5	1	3	5

LEGEND

Upper Decile	— — —	Upper Quartile	— — —	Median	— — —	Lower Quartile	— — —	Lower Decile	— — —
Upper Decile	— — —	Upper Quartile	— — —	Median	— — —	Lower Quartile	— — —	Lower Decile	— — —
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	16800	18000	18750	19200	19450	19550	19650	19650	19650
UPPER QUARTILE	14950	16000	16650	17000	17200	17300	17350	17350	17350
MEDIAN	12800	13550	14250	14500	14850	14950	15050	15050	15170
LOWER QUARTILE	10850	11550	12050	12450	12700	12800	12900	12950	12950
LOWER DECILE	9200	9450	10400	10750	11150	11350	11350	11250	10800
MEAN	12950	13500	14400	14750	15000	15100	15150	15200	15200
TOTAL NUMBER	622	146	298	288	202	188	153	260	278
NUMBERS OVER \$20000	1	17	20	18	31	14	18	26	26
NUMBERS UNDER \$7000	4	0	1	1	0	2	0	0	0

NUMBER OF TECHNICIANS COVERED - 4471

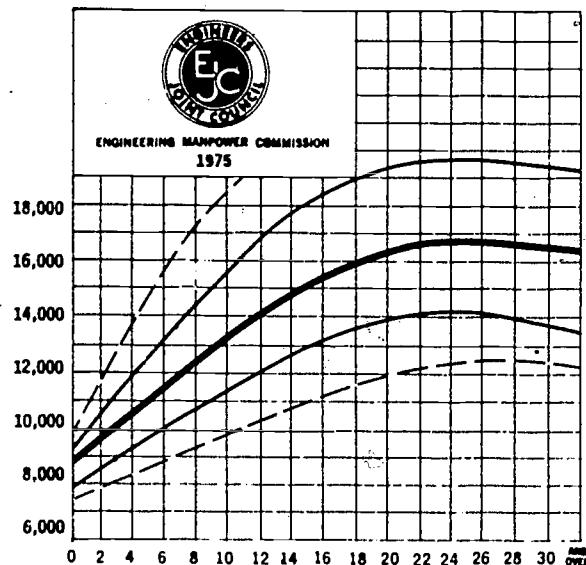
\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

# CONSTRUCTION & CONSULTANTS

**Annual Salary by Equivalent**

Years Since Graduation

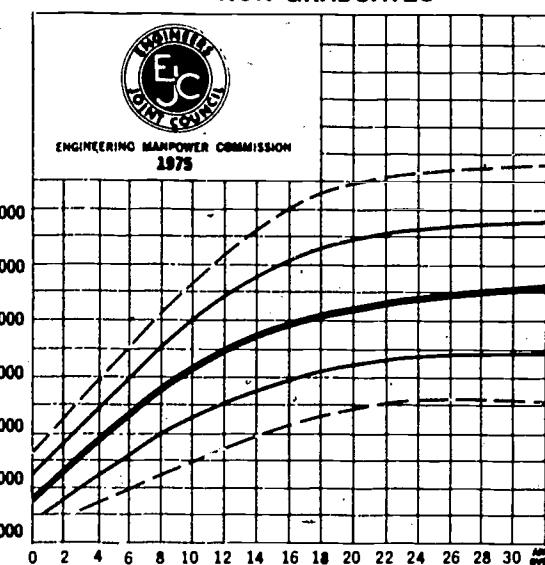
from Technical Institute\* **2-YEAR GRADUATES**



**Annual Salary by Equivalent**

Years Since Graduation

from Technical Institute\* **NON GRADUATES**



## **2-YEAR GRADUATES**

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	9750	10750	11800	12850	13850	14800	15700	16500	17200
UPPER QUARTILE	9400	10000	10650	11300	11950	12650	13350	14000	14650
MEDIAN	8750	9200	9700	10150	10650	11100	11600	12050	12550
LOWER QUARTILE	7900	8250	8600	8950	9300	9650	10050	10400	10750
LOWER DECILE	7400	7650	7850	8100	8350	8600	8800	9050	9300
MEAN	8750	9250	9800	10300	10800	11350	11850	12400	12850
TOTAL NUMBER	46	122	126	90	103	71	82	61	83
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	1
NUMBERS UNDER \$7000	12	1	2	5	1	1	0	0	1
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	10300	19400	19900	18650	19350	19650	19650	19500	19200
UPPER QUARTILE	15900	17500	18650	16250	18850	16500	16500	16450	16150
MEDIAN	13450	14600	15550	16200	16500	14050	14100	13900	13450
LOWER QUARTILE	11450	12400	13200	13750	14050	12200	12450	12500	12250
LOWER DECILE	9800	10550	11200	11750	12200	10200	10700	11150	11100
MEAN	13800	14950	15800	16300	16500	16500	16350	16150	15800
TOTAL NUMBER	120	85	58	54	46	27	26	37	31
NUMBERS OVER \$20000	6	13	15	8	13	5	6	12	6
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 1276

## **NON-GRADUATES**

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	9650	10050	10700	11300	11950	12550	13200	13800	14400
UPPER QUARTILE	8500	9050	9650	10250	10850	11450	12000	12550	13100
MEDIAN	7450	8150	8600	9150	9700	10200	10700	11150	11600
LOWER QUARTILE	7250	7700	8100	8550	8950	9300	9650	10000	10300
LOWER DECILE			7200	7450	7700	7950	8200	8500	
MEAN	7800	8300	8600	9300	9800	10300	10750	11150	11600
TOTAL NUMBER	104	69	101	125	124	124	130	149	126
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	50	13	12	16	11	4	1	3	4
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	15500	16950	18000	18750	19200	19400	19700	19550	19500
UPPER QUARTILE	14050	15200	16100	16700	17100	17350	17500	17600	17650
MEDIAN	12350	13300	13950	14400	14700	14900	15000	15050	15100
LOWER QUARTILE	10600	11350	11900	12250	12500	12700	12800	12850	12900
LOWER DECILE	8950	9650	10250	10700	11000	11150	11150	11050	10700
MEAN	12350	13250	13950	14450	14800	15000	15150	15200	15250

### **LEGEND**

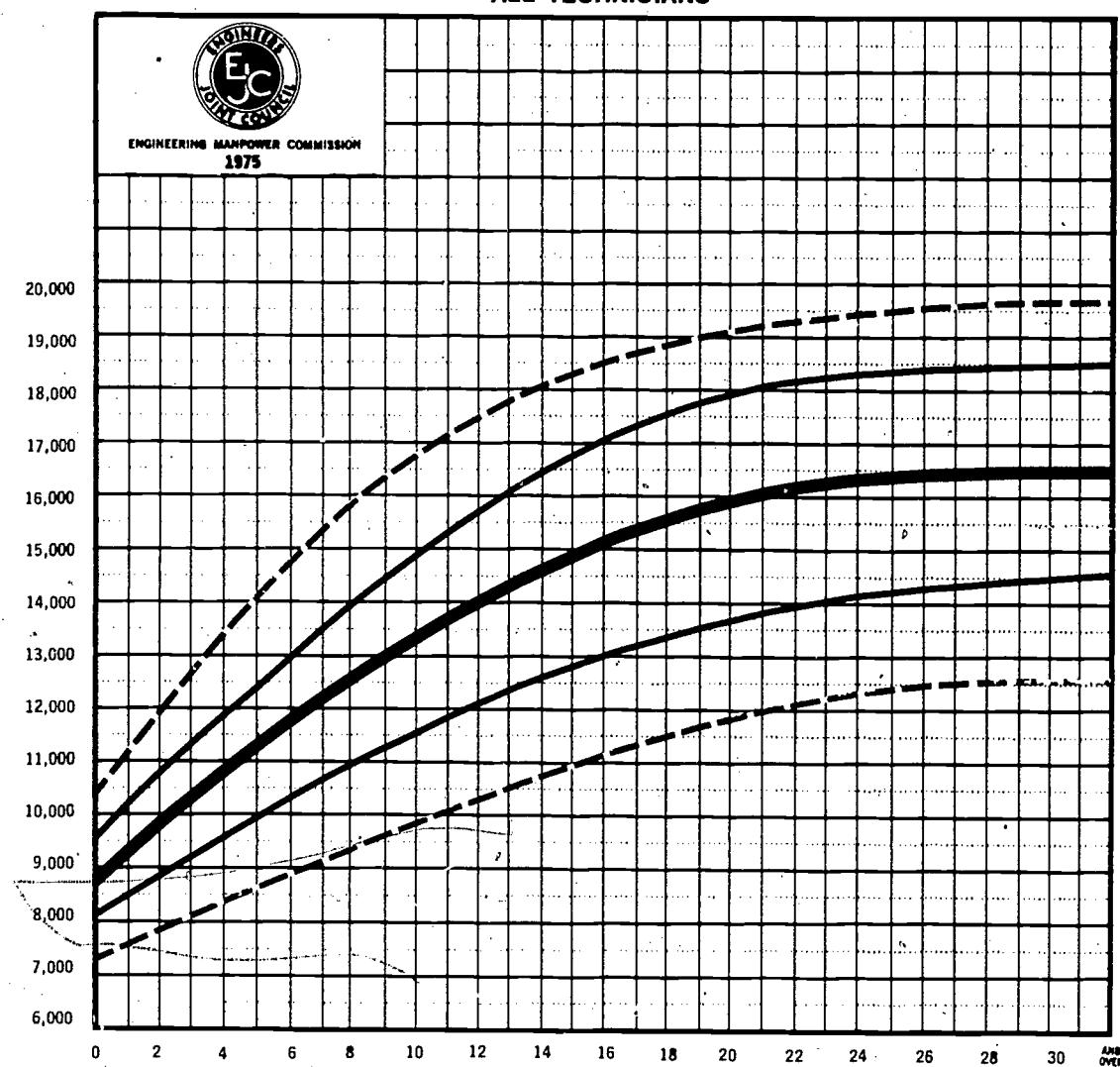
Upper Decile	— — —
Upper Quartile	— — — —
Median	— — — — —
Lower Quartile	— — — — — —
Lower Decile	— — — — — — —

NUMBER OF TECHNICIANS COVERED - 2995

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

CONSTRUCTION  
ALL TECHNICIANS



YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	10500	11250	12000	12700	13400	14050	14650	15250	15800
UPPER QUARTILE	9600	10150	10700	11250	11850	12400	12950	13450	13950
MEDIAN	8850	9300	9800	10250	10700	11150	11600	12050	12500
LOWER QUARTILE	8150	8500	8850	9200	9550	9900	10250	10600	10900
LOWER DECILE	7400	7650	7900	8150	8350	8600	8850	9100	9350
MEAN	8950	9410	9900	10350	10800	11250	11700	12150	12550
TOTAL NUMBER	28	47	46	22	39	34	37	38	43
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	6	2	2	1	4	1	0	1	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	16700	17800	18500	19000	19300	19500	19600	19650	19650
UPPER QUARTILE	14900	16150	17050	17700	18100	18350	18450	18500	18500
MEDIAN	13300	14300	15100	15700	16100	16300	16450	16500	16550
LOWER QUARTILE	11550	12350	13000	13550	13950	14200	14400	14550	14600
LOWER DECILE	9850	10500	11150	11700	12100	12400	12550	12550	12250
MEAN	13300	14250	15000	15500	15850	16100	16200	16300	16350
TOTAL NUMBER	101	94	86	88	54	59	33	72	77
NUMBERS OVER \$20000	1	2	2	4	7	4	3	4	12
NUMBERS UNDER \$7000	1	0	0	0	0	1	0	0	0

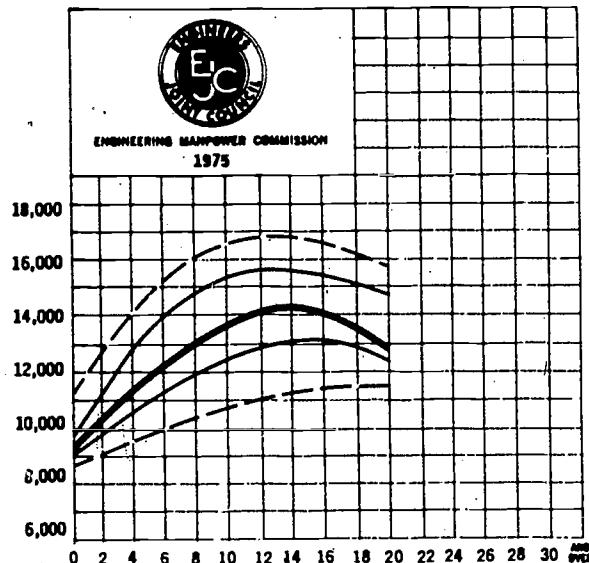
NUMBER OF TECHNICIANS COVERED - 1003

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

# CONSTRUCTION

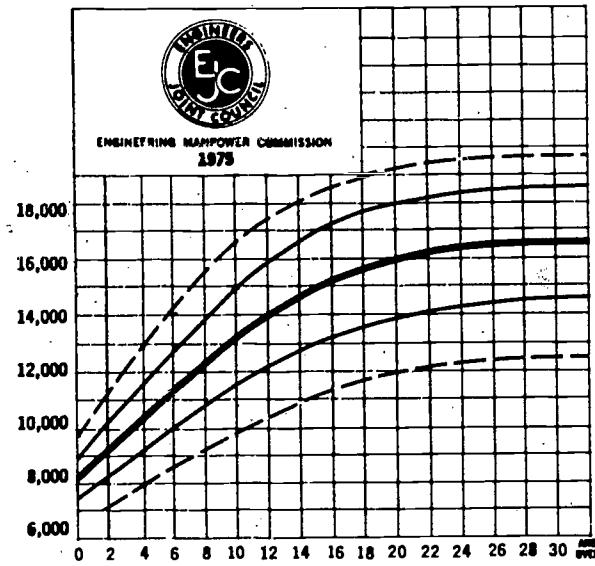
**Annual Salary by Equivalent Years Since Graduation from Technical Institute\***

## 2-YEAR GRADUATES



**Annual Salary by Equivalent Years Since Graduation from Technical Institute\***

## NON GRADUATES



## 2-YEAR GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	11,250	11,950	12,700	13,350	14,000	14,650	15,200	15,650	16,000
UPPER QUARTILE	9,850	10,600	11,350	12,050	12,750	13,400	13,950	14,450	15,000
MEDIAN	9,350	9,850	10,350	10,850	11,350	11,800	12,300	12,750	13,200
LOWER QUARTILE	9,150	9,500	9,850	10,250	10,600	11,000	11,350	11,650	12,000
LOWER DECILE	8,750	8,950	9,200	9,400	9,600	9,800	10,000	10,200	10,400
MEAN	9,700	10,150	10,600	11,050	11,550	12,000	12,400	12,800	13,200
TOTAL NUMBER	7	28	27	7	10	8	11	5	3
NUMBERS OVER \$20,000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7,000	0	0	0	1	0	0	0	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	16,650	16,900	16,600	15,950	0	0	0	0	0
UPPER QUARTILE	15,400	15,650	15,400	14,900	0	0	0	0	0
MEDIAN	13,800	14,300	14,050	13,150	0	0	0	0	0
LOWER QUARTILE	12,500	13,000	13,100	12,700	0	0	0	0	0
LOWER DECILE	10,750	11,150	11,400	11,450	0	0	0	0	0
MEAN	13,800	14,300	14,150	13,450	0	0	0	0	0
TOTAL NUMBER	15	13	9	6	1	0	2	1	0
NUMBERS OVER \$20,000	0	0	2	0	0	0	0	0	0
NUMBERS UNDER \$7,000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 153

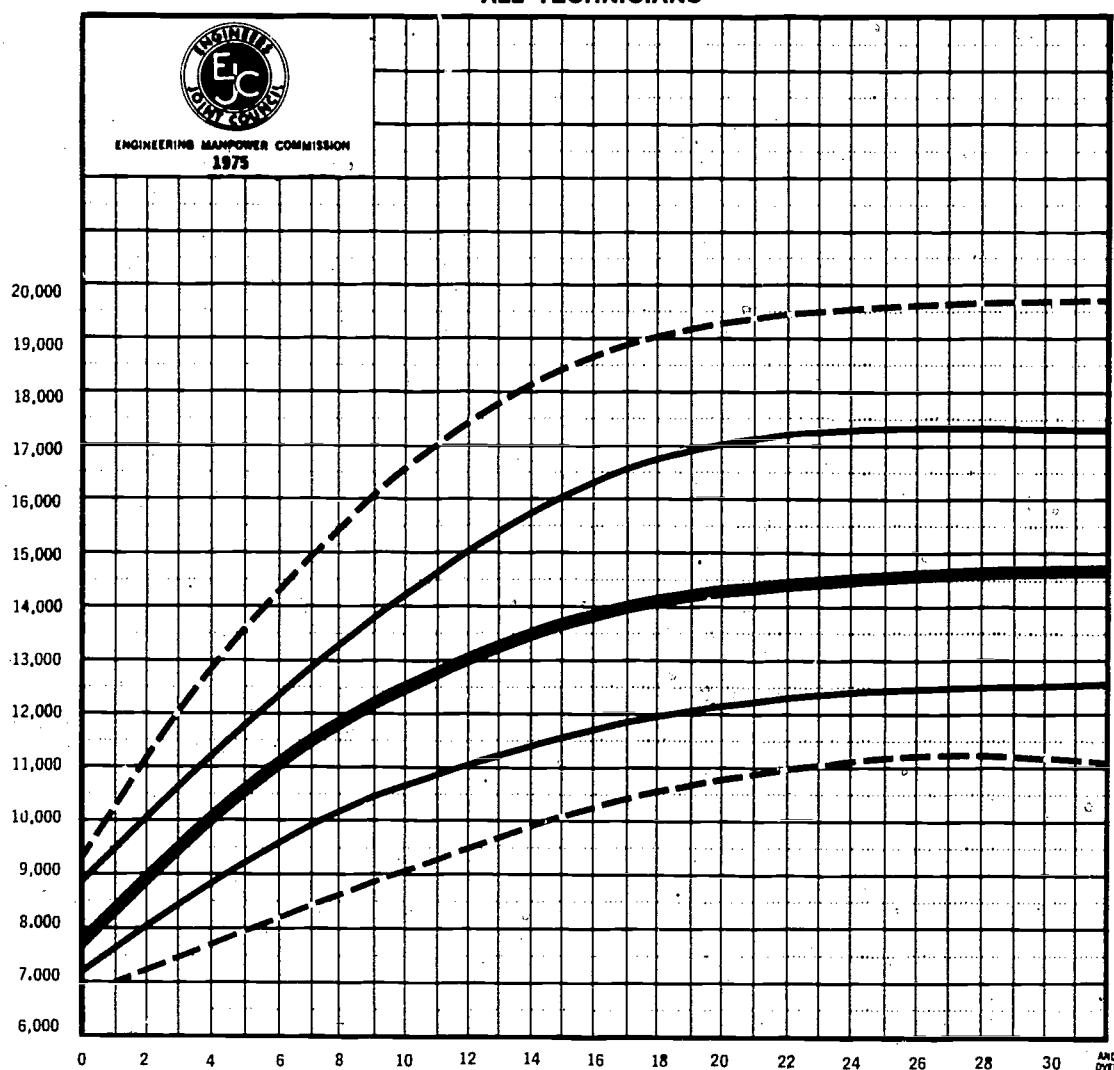
## NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	9,750	10,450	11,350	12,150	12,950	13,650	14,350	15,000	15,600
UPPER QUARTILE	9,500	9,500	10,200	10,850	11,450	12,100	12,700	13,300	13,900
MEDIAN	8,250	8,750	9,250	9,800	10,300	10,850	11,350	11,850	12,300
LOWER QUARTILE	7,400	7,750	8,300	8,700	9,150	9,600	10,000	10,400	10,800
LOWER DECILE	7,200	7,200	7,550	7,900	8,250	8,550	8,900	9,250	9,600
MEAN	8,300	8,850	9,350	9,900	10,450	10,950	11,450	11,950	12,400
TOTAL NUMBER	21	19	19	15	29	26	26	33	40
NUMBERS OVER \$20,000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7,000	6	2	2	0	4	1	0	1	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	16,650	17,300	16,600	19,100	19,400	19,600	19,700	19,750	19,750
UPPER QUARTILE	14,950	16,250	17,200	17,800	18,150	18,350	18,450	18,500	18,550
MEDIAN	13,200	14,350	15,200	15,800	16,150	16,350	16,450	16,500	16,550
LOWER QUARTILE	11,500	12,450	13,150	13,700	14,050	14,250	14,400	14,500	14,550
LOWER DECILE	9,850	10,650	11,300	11,800	12,100	12,300	12,400	12,400	12,400
MEAN	13,250	14,300	15,100	15,600	15,950	16,100	16,250	16,300	16,350
TOTAL NUMBER	86	81	77	82	53	59	76	71	77
NUMBERS OVER \$20,000	1	2	2	4	7	4	3	4	12
NUMBERS UNDER \$7,000	1	0	0	0	0	1	0	0	0

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

ENGINEERING & ARCHITECTURAL CONSULTANTS  
ALL TECHNICIANS



YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	9400	10250	11100	11900	12700	13450	14200	14850	15500
UPPER QUARTILE	8900	9450	10000	10600	11150	11700	12250	12800	13300
MEDIAN	7750	8300	8900	9450	9950	10450	10950	11350	11800
LOWER QUARTILE	7200	7600	8000	8400	8800	9150	9500	9850	10150
LOWER DECILE	6950	7200	7400	7650	7900	8100	8350	8600	8600
MEAN	8050	8600	9100	9650	10150	10650	11100	11500	11900
TOTAL NUMBER	122	144	181	193	188	161	175	172	166
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	1
NUMBERS UNDER \$7000	56	12	12	20	8	4	1	2	5
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	16550	17800	18650	19150	19450	19550	19650	19650	19700
UPPER QUARTILE	14250	15450	16300	16850	17150	17300	17350	17300	17250
MEDIAN	12450	13250	13800	14200	14400	14550	14600	14650	14650
LOWER QUARTILE	10650	11300	11750	12100	12300	12450	12500	12550	12550
LOWER DECILE	9050	9700	10250	10700	11000	11150	11200	11050	10500
MEAN	12650	13450	14050	14450	14700	14850	14950	15000	15000
TOTAL NUMBER	321	252	212	200	148	129	115	188	201
NUMBERS OVER \$20000	7	15	18	14	24	10	15	22	14
NUMBERS UNDER \$7000	3	0	1	1	0	1	0	0	0

NUMBER OF TECHNICIANS COVERED - 3268

LEGEND

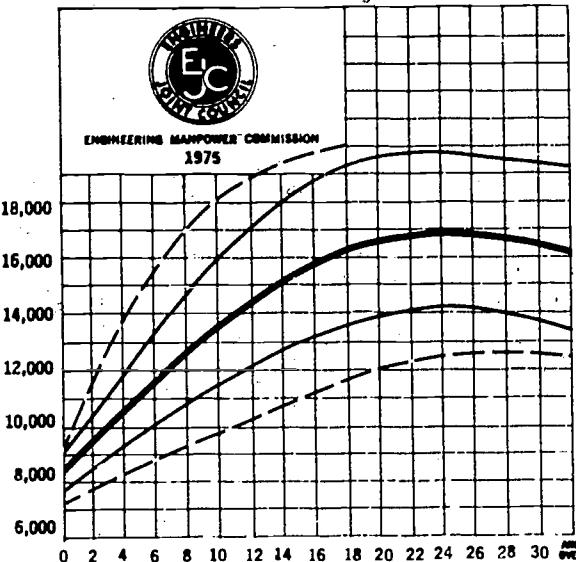
- Upper Decile -----
- Upper Quartile - - - - -
- Median -----
- Lower Quartile -----
- Lower Decile - - - - -

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

# ENGINEERING & ARCHITECTURAL CONSULTANTS

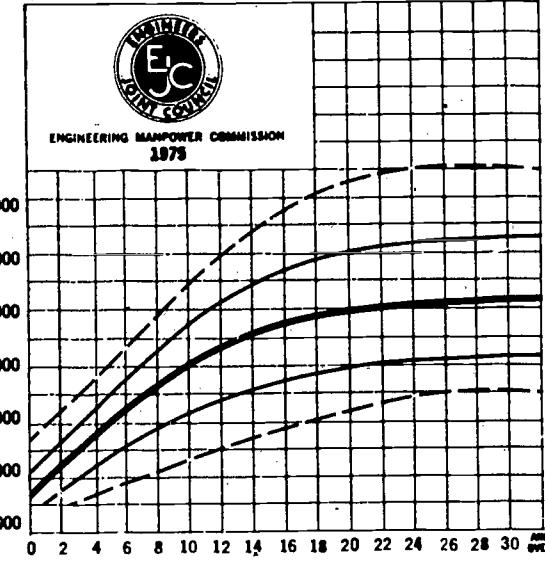
Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

## 2-YEAR GRADUATES



Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

## NON GRADUATES



## 2-YEAR GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	9300	10400	11550	12650	13750	14750	15650	16500	17200
UPPER QUARTILE	9200	9850	10500	11150	11850	12550	13250	13950	14650
MEDIAN	8500	9000	9450	9950	10500	11000	11500	12050	12550
LOWER QUARTILE	7800	8150	8500	8850	9200	9600	9950	10300	10700
LOWER DECILE	7250	7500	7700	7950	8200	8450	8700	8950	9200

MEAN	8500	9050	9600	10150	10700	11250	11800	12350	12900
TOTAL NUMBER	39	94	99	83	93	63	71	56	80
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	1
NUMBERS UNDER \$7000	12	1	2	4	1	1	0	0	1

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	10350	10950	10850	10500	10800	10750	10550	10200	10750
UPPER QUARTILE	10550	11650	11850	11950	11800	11600	11600	11500	11550
MEDIAN	10350	10850	11650	11800	11400	11450	11350	11450	11450
LOWER QUARTILE	10100	10400	11200	11300	11100	11250	11250	11250	11250
LOWER DECILE	9750	10500	11200	11800	12300	12550	12650	12400	11150

MEAN	10350	10850	11650	11800	11600	11600	11600	11500	11550
TOTAL NUMBER	113	72	49	48	45	27	24	36	31
NUMBERS OVER \$20000	6	13	15	8	13	5	6	12	6

NUMBER OF TECHNICIANS COVERED - 1123

## NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	9400	9950	10500	11050	11600	12200	12750	13300	13900
UPPER QUARTILE	8250	8850	9450	10050	10650	11200	11750	12250	12700
MEDIAN	7300	7850	8450	9000	9500	10000	10500	10950	11350
LOWER QUARTILE	7200	7600	8000	8400	8800	9150	9500	9800	10200
LOWER DECILE	7150	7350	7550	7800	8000	8400	8800	9000	9200

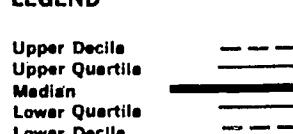
MEAN	7700	8200	8650	9150	9600	10050	10500	10900	11300
TOTAL NUMBER	63	50	62	110	95	98	104	116	86
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	14950	16400	17600	18400	19900	19100	19100	19500	18650
UPPER QUARTILE	13550	14600	15350	15850	16200	16450	16550	16650	16650
MEDIAN	12050	12850	13400	13800	14000	14150	14200	14250	14250
LOWER QUARTILE	10350	11000	11500	11850	12050	12200	12250	12350	12350
LOWER DECILE	8650	9250	9850	10350	10700	10950	11050	10950	10250

MEAN	12000	12850	13500	13950	14250	14450	14550	14650	14650
TOTAL NUMBER	208	180	163	152	103	102	91	152	170
NUMBERS OVER \$20000	1	2	3	6	11	5	9	10	8

NUMBER OF TECHNICIANS COVERED - 2145

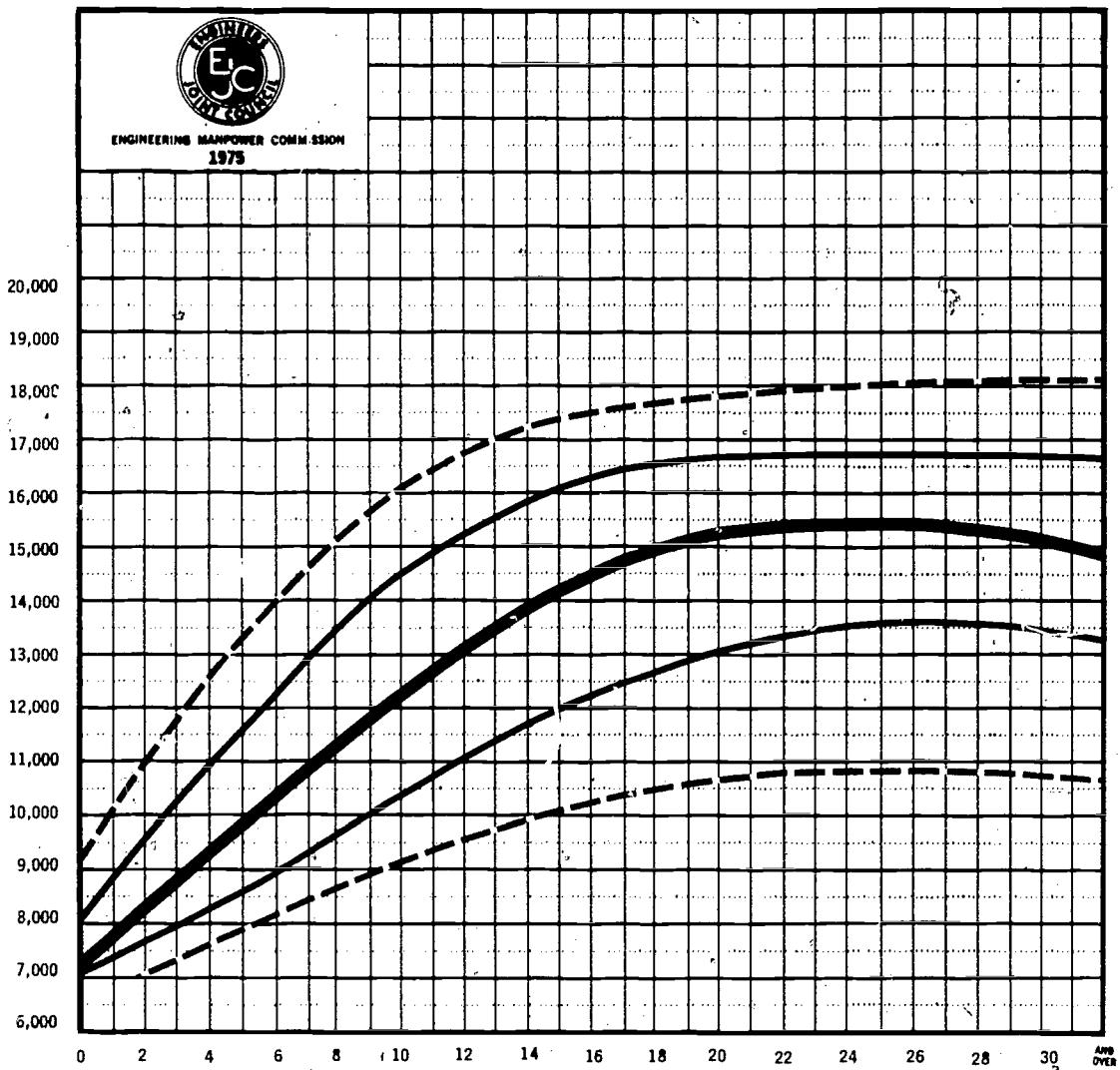
### LEGEND



\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

TECHNICAL SERVICES, OTHER  
ALL TECHNICIANS



YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	9300	10150	11050	11850	12650	13400	14050	14650	15150
UPPER QUARTILE	8100	8600	9500	10200	10950	11600	12300	12900	13500
MEDIAN	7350	7800	8300	8750	9250	9750	10250	10750	11250
LOWER QUARTILE	7150	7450	7750	8050	8350	8700	9000	9350	9700
LOWER DECILE	7050	7300	7600	7850	8100	8350	8650		
MEAN	7400	8300	8750	9250	9700	10200	10650	11100	11550
TOTAL NUMBER	15	10	13	23	23	24	25	24	28
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	2	0	2	1	1	2	0	2	1
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	16050	16950	17500	17800	17950	18050	18100	18100	18100
UPPER QUARTILE	14500	15600	16250	16550	16650	16650	16650	16600	16550
MEDIAN	12200	13500	14500	15150	15400	15400	15250	14850	14300
LOWER QUARTILE	10350	11300	12150	12850	13300	13550	13550	13250	12300
LOWER DECILE	9170	9750	10250	10600	10800	10850	10800	10600	10200
MEAN	12400	13450	14200	14650	14900	14900	14850	14700	14450
TOTAL NUMBER	55	56	33	34	21	25	20	28	29
NUMBERS OVER \$20000	1	0	3	0	2	0	1	1	2
NUMBERS UNDER \$7000	0	0	0	0	0	1	0	0	0

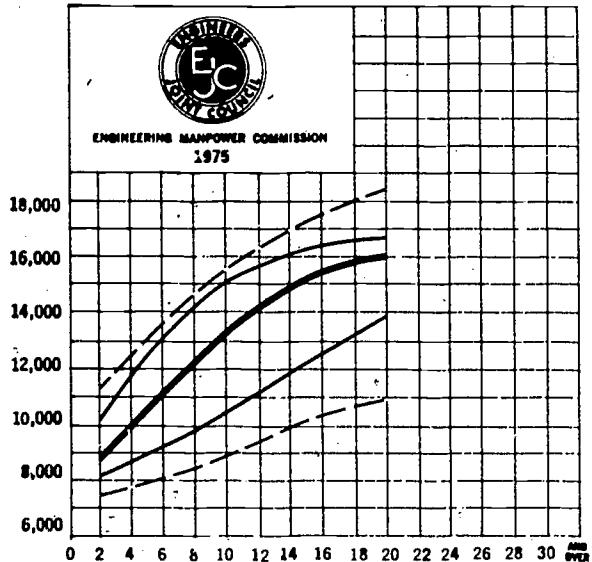
NUMBER OF TECHNICIANS COVERED = 491

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

# TECHNICAL SERVICES, OTHER

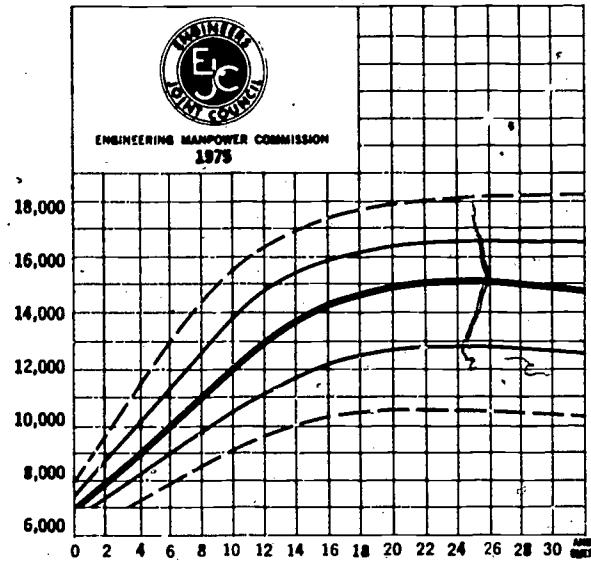
**Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\***

## 2-YEAR GRADUATES



**Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\***

## NON GRADUATES



## 2-YEAR GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	10200	10500	11400	12000	12550	13150	13700	14200	14700
UPPER QUARTILE	8450	9350	10250	11050	11850	12550	13200	13800	14300
MEDIAN	7850	8350	9450	9400	9950	10500	11050	11650	12200
LOWER QUARTILE	7500	7750	8650	8700	9600	8900	9200	9500	9750
LOWER DECILE	7900	7600	7450	7450	7550	7700	7900	8100	8400
MEAN	8350	8750	9200	9650	10100	10600	11050	11500	11900

TOTAL NUMBER	8	6	10	13	5	7	7	14	14
NUMBERS OVER \$20000	0	0	0	0	2	0	0	0	0
NUMBERS UNDER \$7000	0	0	1	0	0	0	0	2	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	15600	16700	17550	18200	18900	18900	18900	18900	18900
UPPER QUARTILE	15100	15900	16400	16650	16800	16800	16800	16800	16800
MEDIAN	13300	14650	15550	15900	15100	15100	15100	15100	15100
LOWER QUARTILE	10500	11550	12650	13450	15300	15300	15300	15300	15300
LOWER DECILE	8900	9750	10400	10900	11400	11400	11400	11400	11400
MEAN	12750	13400	14650	15200	15550	15550	15550	15550	15550

TOTAL NUMBER	16	21	12	7	6	5	4	3	0
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 156

## NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	8000	0	0	10700	11550	12350	13150	13850	14500
UPPER QUARTILE	7400	0	0	9400	10150	10850	11500	12150	12800
MEDIAN	0	0	0	9450	9500	9500	10000	10550	11050
LOWER QUARTILE	0	0	0	7750	8150	8550	8900	9300	9700
LOWER DECILE	0	0	0	7250	7550	7550	7900	8250	8650
MEAN	7100	0	0	8650	9200	9750	10300	10800	11300

TOTAL NUMBER	7	4	3	10	18	17	19	10	14
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	2	0	1	1	1	2	0	0	1

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	15550	16700	17350	17800	18100	18150	18200	18200	18200
UPPER QUARTILE	13900	15150	15950	16350	16650	16600	16600	16600	16600
MEDIAN	12650	13300	14250	14800	15050	15050	14950	14700	14400
LOWER QUARTILE	10450	11400	12150	12600	12850	12850	12800	12600	12300
LOWER DECILE	9100	9850	10300	10550	10650	10550	10400	10200	9850
MEAN	12200	13350	14100	14550	14700	14700	14650	14500	14350

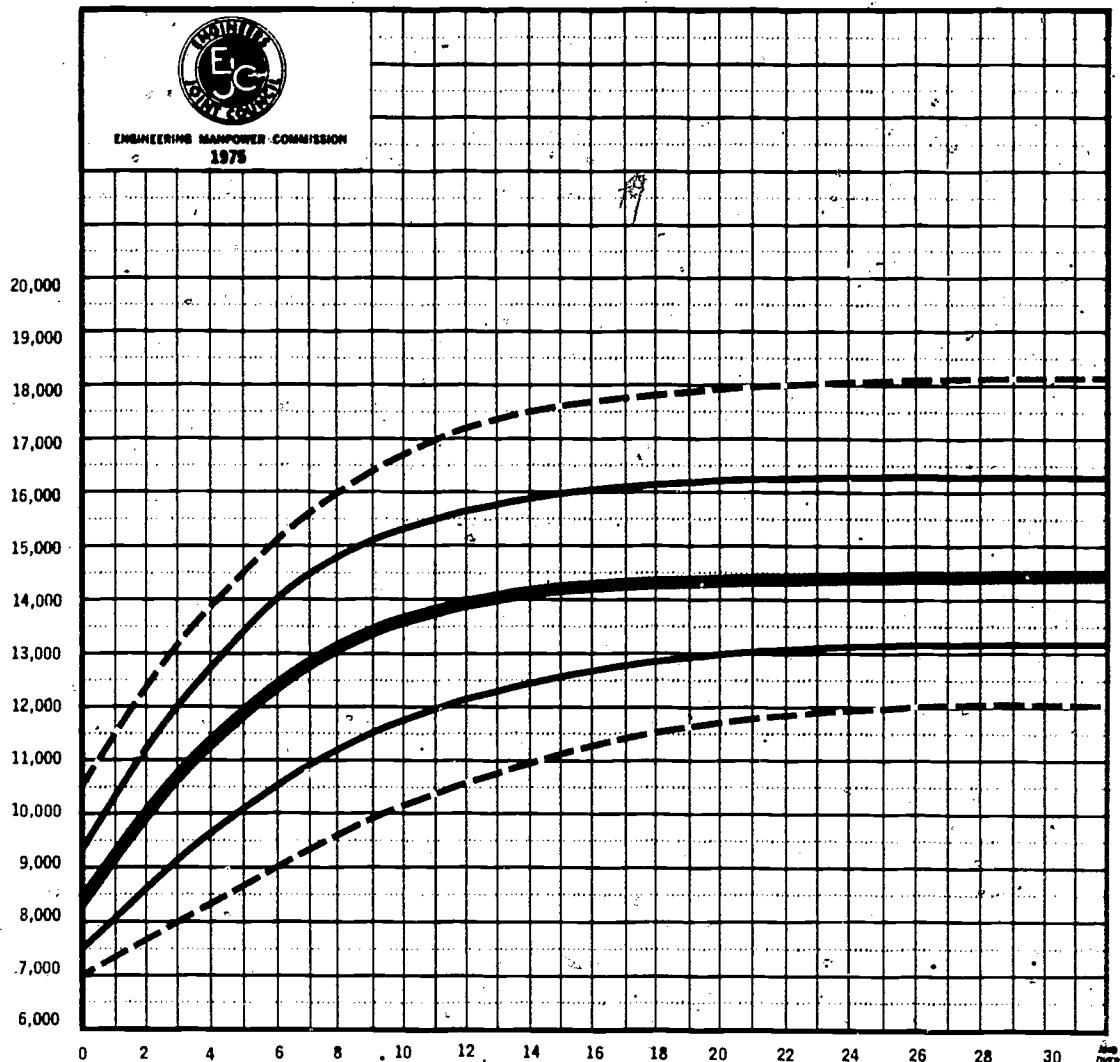
### LEGEND

Upper Decile	---	TOTAL NUMBER	39	35	26	27	17	20	16	25	29
Upper Quartile	=====	NUMBERS OVER \$20000	1	0	7	0	2	0	1	1	2
Median	=====	NUMBERS UNDER \$7000	0	0	0	0	0	1	0	0	0
Lower Quartile	=====	NUMBER OF TECHNICIANS COVERED	-	-	-	-	-	-	-	-	-
Lower Decile	=====										

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

RESEARCH & DEVELOPMENT  
ALL TECHNICIANS



YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	10,600	11,500	12,350	13,150	13,850	14,500	15,100	15,600	16,000
UPPER QUARTILE	9,450	10,350	11,250	12,050	12,800	13,400	13,950	14,400	14,800
MEDIAN	8,400	9,750	10,000	10,700	11,350	11,900	12,350	12,750	13,100
LOWER QUARTILE	7,550	8,100	8,650	9,150	9,600	10,050	10,450	10,800	11,150
LOWER DECILE	7,000	7,750	8,650	9,000	8,350	8,650	9,000	9,300	9,600
MEAN	8,650	9,750	10,050	10,650	11,250	11,750	12,250	12,650	13,000
TOTAL NUMBER	52	124	174	229	198	245	322	324	286
NUMBERS OVER \$20,000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7,000	12	10	3	0	0	2	1	0	0

LEGEND

Upper Decile     — — —  
Upper Quartile     — —  
Median     — —  
Lower Quartile     — —  
Lower Decile     — — —

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	16,700	17,350	17,700	17,900	18,000	18,050	18,100	18,100	18,100
UPPER QUARTILE	15,350	15,850	16,050	16,200	16,2	16,300	16,300	16,300	16,300
MEDIAN	13,550	14,000	14,250	14,350	14,400	14,450	14,450	14,450	14,450
LOWER QUARTILE	11,700	12,300	12,650	12,900	13,050	13,100	13,150	13,150	13,150
LOWER DECILE	10,150	10,550	11,350	11,700	11,900	12,000	12,050	12,050	12,050
MEAN	13,550	14,050	14,350	14,550	14,650	14,700	14,700	14,700	14,700
TOTAL NUMBER	575	601	567	477	409	462	381	632	662
NUMBERS OVER \$20,000	0	2	6	1	2	6	1	0	13
NUMBERS UNDER \$7,000	1	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 6721

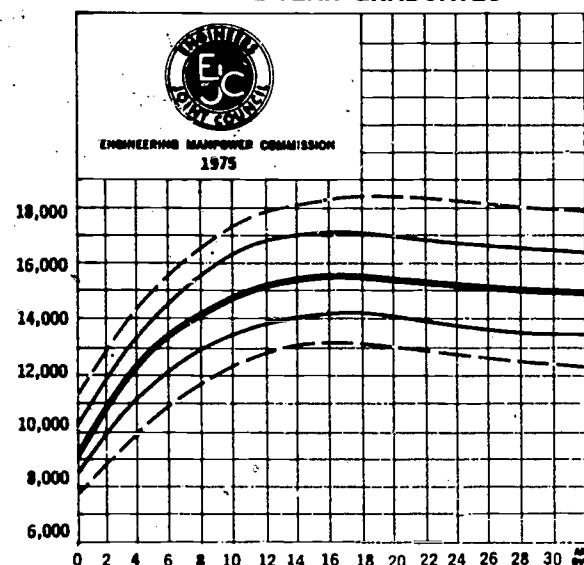
\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

# RESEARCH & DEVELOPMENT

Annual Salary by Equivalent

Years Since Graduation

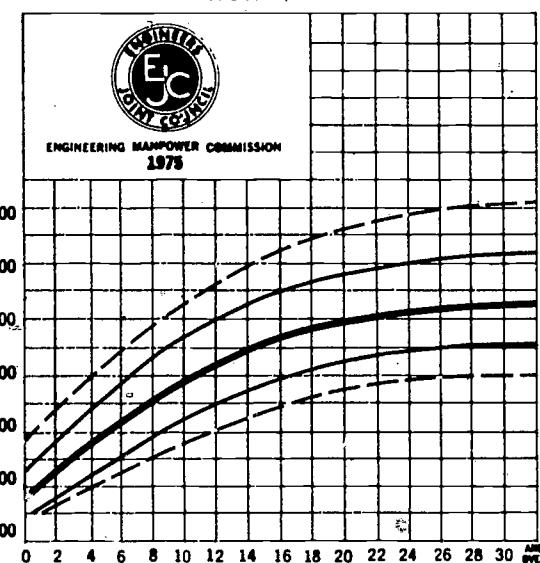
from Technical Institute\* 2-YEAR GRADUATES



Annual Salary by Equivalent

Years Since Graduation

from Technical Institute\* NON GRADUATES



## 2-YEAR GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	11300	12100	12850	13600	14300	14950	15550	16100	16550
UPPER QUARTILE	10300	11050	11850	12600	13300	14000	14600	15150	15600
MEDIAN	9250	10000	10800	11500	12200	12850	13400	13900	14350
LOWER QUARTILE	8650	9300	9950	10550	11150	11650	12150	12600	12950
LOWER DECILE	7850	8400	9400	9450	9450	10450	10900	11300	11700
MEAN	9500	10200	10850	11550	12150	12750	13300	13800	14200
TOTAL NUMBER	18	92	169	124	97	156	212	194	170
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$ 7000	0	0	0	0	0	1	0	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	17300	18000	18300	18350	18250	18100	18000	17900	17450
UPPER QUARTILE	16350	16950	17100	17100	16800	16600	16450	16300	16200
MEDIAN	14950	15450	15550	15450	15250	15100	15000	14900	14650
LOWER QUARTILE	13550	14000	14150	14050	13900	13750	13600	13550	13400
LOWER DECILE	12400	12900	13150	13100	12900	12700	12450	12250	12050
MEAN	14850	15450	15600	15550	15400	15200	15050	14900	14600
TOTAL NUMBER	307	279	239	179	87	93	41	29	21
NUMBERS OVER \$20000	0	2	6	1	0	3	0	0	0
NUMBERS UNDER \$ 7000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED = 2445

## NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	9750	10100	10850	11400	11900	12450	12950	13400	13850
UPPER QUARTILE	8600	9150	9700	10200	10750	11250	11700	12150	12600
MEDIAN	7600	8100	8600	9050	9500	9950	10400	10800	11150
LOWER QUARTILE	7250	7600	8000	8350	8700	9100	9450	9800	9800
LOWER DECILE	7100	7400	7650	7950	8200	8500	8750	9050	9050
MEAN	7900	8350	8850	9300	9700	10150	10550	10950	11350
TOTAL NUMBER	34	32	69	105	101	89	112	127	116
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$ 7000	12	10	3	0	0	1	1	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	14700	15700	16550	17150	17550	17850	18050	18150	18250
UPPER QUARTILE	13350	14300	15000	15500	15850	16050	16200	16300	16300
MEDIAN	11450	12700	13300	13750	14050	14250	14350	14450	14600
LOWER QUARTILE	10450	11700	11950	12450	12800	12950	13050	13100	13100
LOWER DECILE	9550	10300	10900	11350	11700	11900	12000	12000	11850
MEAN	12000	12850	13500	13950	14300	14500	14650	14750	14800

YEARS	0	1	2	3	4	5	6	7	8
TOTAL NUMBER	268	322	325	298	322	369	349	603	641
NUMBERS OVER \$20000	0	0	0	2	3	4	0	13	0
NUMBERS UNDER \$ 7000	1	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED = 4276

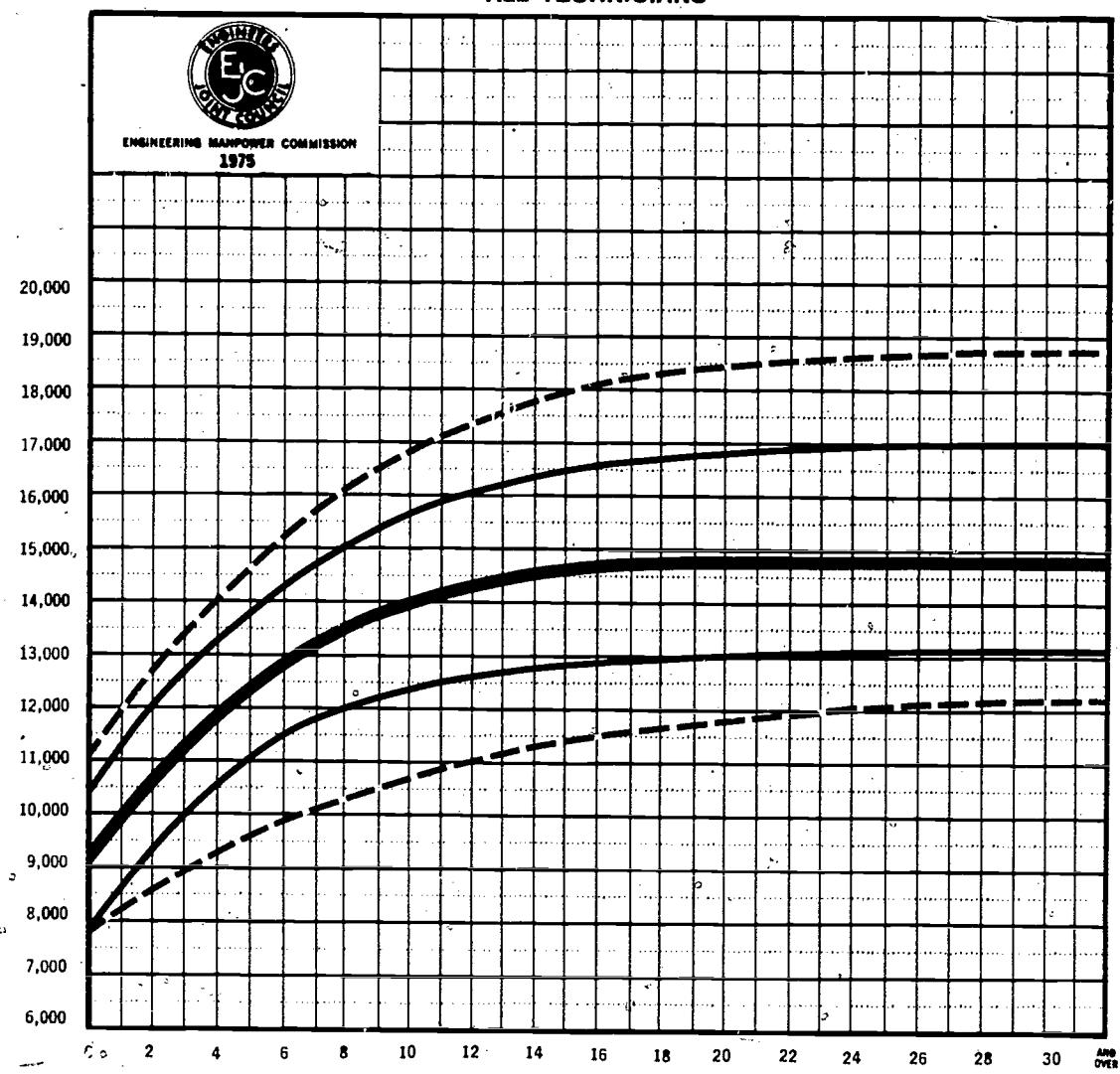
## LEGEND

Upper Decile	----
Upper Quartile	----
Median	-----
Lower Quartile	----
Lower Decile	----

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

INDUSTRIAL R & D  
ALL TECHNICIANS



YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	11150	11950	12700	13400	14050	14650	15200	15700	16150
UPPER QUARTILE	10500	11250	11950	12600	13250	13800	14250	14700	15050
MEDIAN	9200	10000	10700	11350	11900	12400	12850	13200	13500
LOWER QUARTILE	7950	8650	9350	10000	10550	11000	11400	11750	12000
LOWER DECILE	7950	8700	8600	8900	9200	9500	9750	10000	10250
MEAN	9400	10050	10700	11300	11800	12300	12700	13100	13400
TOTAL NUMBER	16	36	81	103	89	150	179	189	194
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	0	1	0	0	0	0	0	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	16850	17500	18100	18350	18550	18650	18650	18700	18700
UPPER QUARTILE	15650	16250	16600	16800	16900	16950	17000	17000	17000
MEDIAN	13950	14400	14650	14750	14800	14850	14850	14850	14850
LOWER QUARTILE	12400	12750	12900	13000	13050	13050	13100	13100	13100
LOWER DECILE	10650	11150	11550	11800	12000	12150	12200	12250	12300
MEAN	13900	14450	14750	14900	15000	15050	15100	15100	15100
TOTAL NUMBER	294	259	275	245	229	266	231	369	352
NUMBERS OVER \$20000	0	1	4	1	1	6	3	0	11
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0

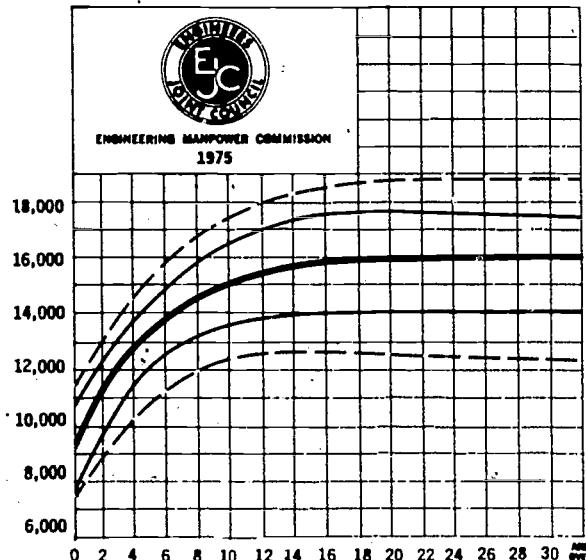
NUMBER OF TECHNICIANS COVERED - 3559

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

# INDUSTRIAL R & D

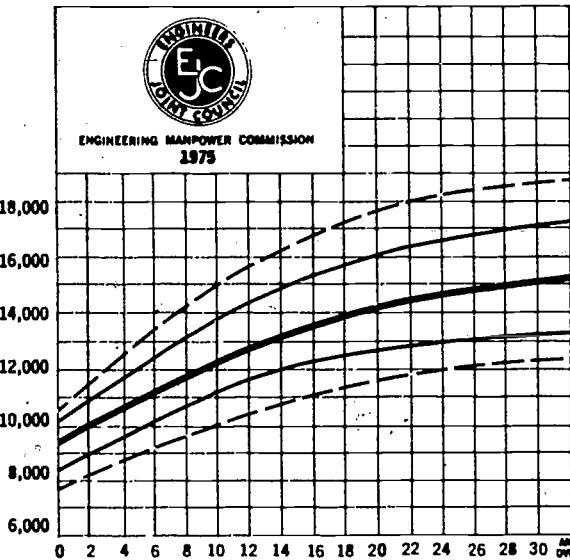
**Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\***

## 2-YEAR GRADUATES



**Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\***

## NON GRADUATES



## 2-YEAR GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	11500	12250	13050	13750	14450	15100	15700	16200	16700
UPPER QUARTILE	10550	11600	12300	13000	13700	14700	15400	15850	
MEAN	9350	10300	11200	12050	12800	13400	14950	14400	14750
LOWER QUARTILE	7950	8750	9850	10700	11450	12050	12550	12950	13250
LOWER DECILE	7500	8250	8950	9600	10200	10750	11200	11600	11950
MEAN	9500	10100	11100	11800	12500	13100	13650	14100	14500
TOTAL NUMBER	9	32	50	45	41	99	135	121	123
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	17650	18250	14650	18800	19850	18850	18850	18800	18800
UPPER QUARTILE	16500	17300	17600	17700	17650	17550	17450	17350	17300
MEAN	15250	15700	15900	16000	16000	16050	16050	16050	16050
LOWER QUARTILE	13650	13900	14000	14100	14050	14050	14050	14050	14050
LOWER DECILE	12400	12550	12700	12600	12500	12400	12350	12300	12300
MEAN	15100	15500	15750	15800	15800	15800	15750	15750	15750
TOTAL NUMBER	138	109	111	75	59	56	16	16	7
NUMBERS OVER \$20000	0	1	4	1	0	3	0	0	0
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 1253

## NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	10600	11100	11550	12000	12500	12950	13400	13800	14200
UPPER QUARTILE	10150	10550	10900	11300	11650	12050	12400	12750	13100
MEAN	9550	9850	10100	10400	10650	10950	11200	11450	11700
LOWER QUARTILE	8300	8600	8950	9250	9600	9900	10150	10450	10700
LOWER DECILE	7850	8100	8300	8500	8750	8950	9150	9350	9600
MEAN	9250	9600	9950	10300	10650	10950	11300	11600	11900
TOTAL NUMBER	7	6	31	38	48	51	44	68	71
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	0	0	1	0	0	0	0	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	15000	16000	16800	17500	18000	18350	18600	18800	18950
UPPER QUARTILE	13750	14600	15300	15900	16350	16700	16950	17200	17350
MEAN	12200	12450	13450	13900	14300	14650	14900	15150	15300
LOWER QUARTILE	11200	11800	12250	12600	12850	13000	13150	13200	13250
LOWER DECILE	10000	10550	11050	11500	11850	12100	12250	12350	12300
MEAN	12450	13150	13750	14250	14600	14900	15100	15250	15350

NUMBER OF TECHNICIANS COVERED - 2306

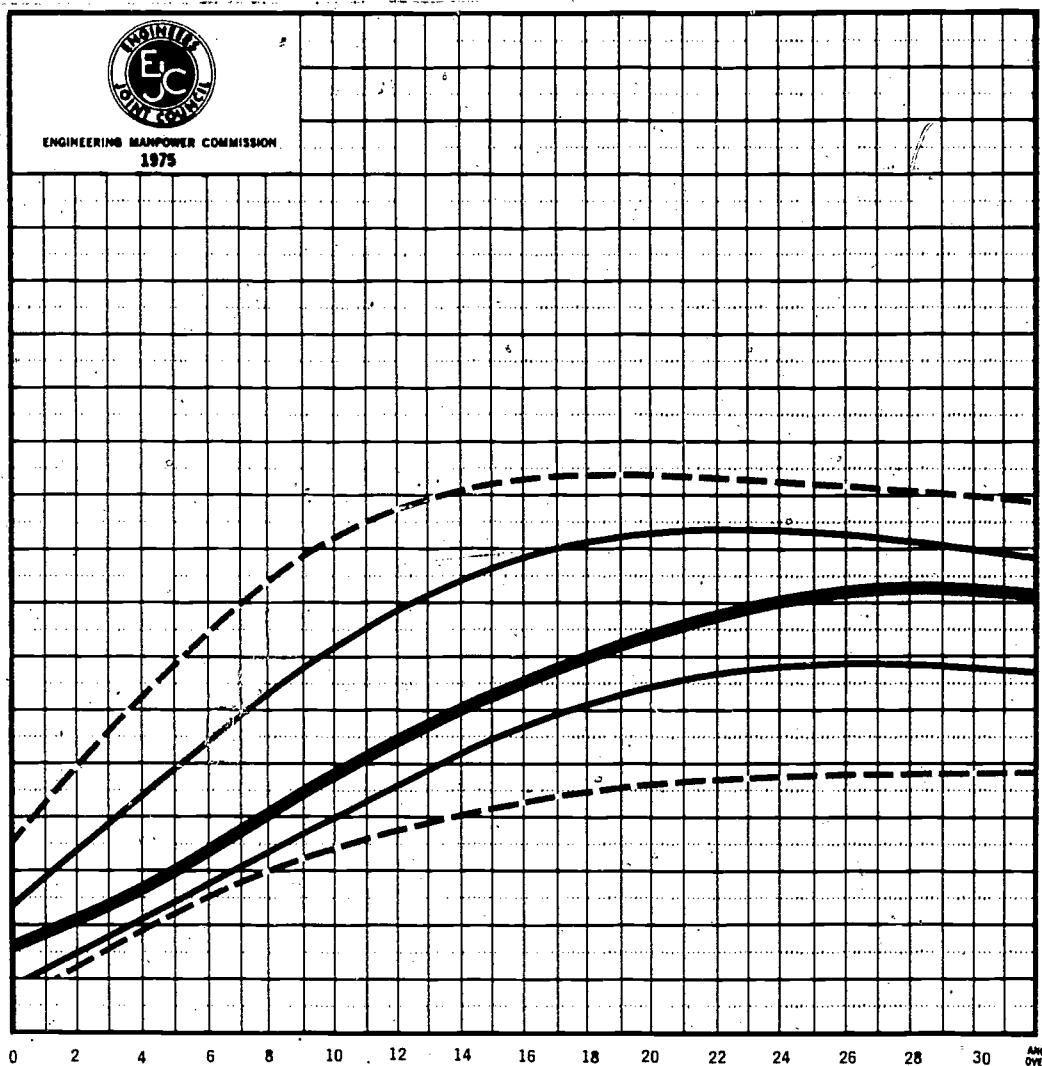
### LEGEND

Upper Decile	---
Upper Quartile	----
Median	=====
Lower Quartile	====
Lower Decile	----

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

R & D LABORATORIES  
ALL TECHNICIANS



YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	9600	10700	10950	11600	12250	12850	13450	13950	14450
UPPER QUARTILE	1400	8900	9400	9900	10400	10850	11350	11850	12300
MEDIAN	7600	7850	8150	8450	8750	9100	9400	9750	10050
LOWER QUARTILE	7150	7450	7750	8050	8400	8700	9050	9350	
LOWER DECILE		7250	7550	7900	8200	8450	8750	9000	
MEAN	7850	8250	8650	9000	9400	9800	10200	10550	10900
TOTAL NUMBER	28	30	35	52	42	32	64	51	38
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	11	9	1	0	0	1	0	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	15200	16000	16350	15400	16350	16200	16050	15900	15750
UPPER QUARTILE	13150	14200	14900	15250	15400	15300	15150	14850	14500
MEDIAN	10700	11550	12500	13200	13750	14100	14200	14050	13350
LOWER QUARTILE	10000	10900	11650	12250	12650	12850	12850	12650	12100
LOWER DECILE	9400	9900	10250	10500	10650	10750	10800	10850	10850
MEAN	11600	12450	13100	13550	13750	13800	13750	13650	13400
TOTAL NUMBER	89	111	122	67	70	76	63	79	133
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	1	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 1182

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

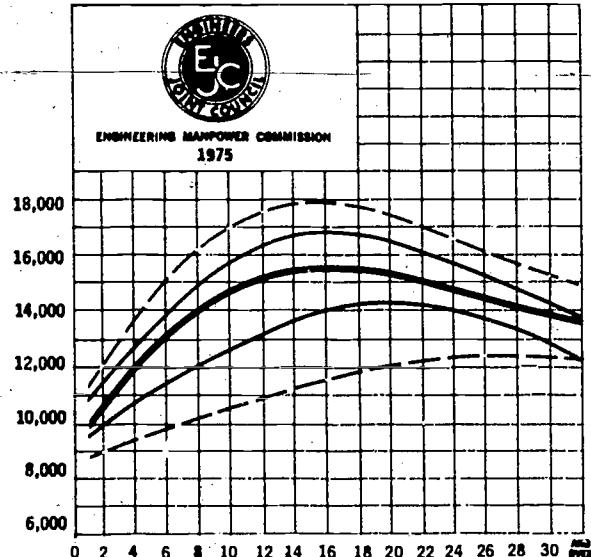
# R & D LABORATORIES

Annual Salary by Equivalent

Years Since Graduation

from Technical Institute\*

## 2-YEAR GRADUATES

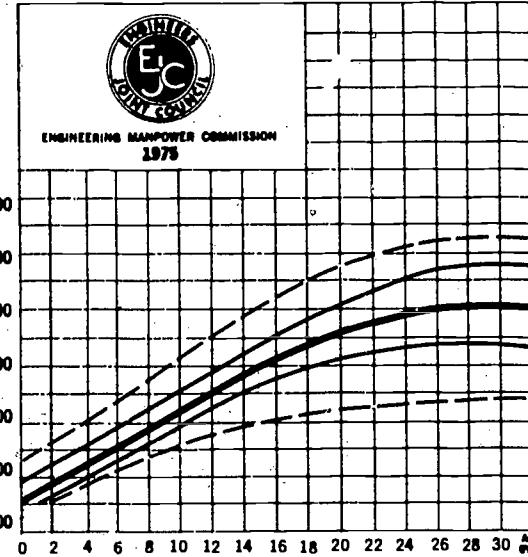


Annual Salary by Equivalent

Years Since Graduation

from Technical Institute\*

## NON GRADUATES



## 2-YEAR GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	11250	12000	12750	13500	14250	14950	15550	16150	
UPPER QUARTILE	10850	11450	12050	12650	13250	13800	14350	14850	
MEDIAN	9950	10600	11250	11850	12450	13000	13500	13950	
LOWER QUARTILE	9550	9950	10700	11650	11000	11300	11650	12000	
LOWER DECILE	8750	8900	9100	9300	9500	9700	9900	10100	
MEAN	10200	10700	11150	11600	12100	12550	12950	13350	
TOTAL NUMBER	4	11	11	7	5	10	9	16	13
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	0	0	0	0	0	1	0	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	17050	17650	17950	17600	16350	15100	14850		
UPPER QUARTILE	15700	16550	16650	16650	15400	13700	13700		
MEDIAN	14700	15350	15500	15300	14500	13650	13650		
LOWER QUARTILE	12600	13450	14050	14350	13950	12150	12150		
LOWER DECILE	10500	11050	11500	11900	12400	12250	12250		
MEAN	14100	14900	15350	15400	14600	13200	13200		
TOTAL NUMBER	38	31	24	14	3	6	2	5	2
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 214

## NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	8650	8950	9300	9650	10000	10350	10750	11100	11450
UPPER QUARTILE	7900	8200	8500	8800	9100	9400	9700	10050	10350
MEDIAN	7100	7400	7700	8000	8350	8650	9000	9350	9650
LOWER QUARTILE	7100	7400	7700	8000	8300	8600	8900	9200	
LOWER DECILE	7200	7500	7800	8100	8400	8750	9550	9800	
MEAN	7450	7750	8150	8350	8650	8950	9300	9600	9950
TOTAL NUMBER	24	19	24	45	34	22	55	35	25
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	11	9	1	0	0	0	0	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	12200	13300	14350	15200	15900	16350	16550	15450	15700
UPPER QUARTILE	11050	12050	13050	13950	14700	15250	15500	14500	14600
MEDIAN	10350	11350	12250	13050	13600	13950	14100	14000	13400
LOWER QUARTILE	9800	10700	11450	12300	12550	12800	12850	12700	12100
LOWER DECILE	9200	9700	10100	10350	10550	10750	10800	10800	10800
MEAN	10550	11500	12300	13000	13500	13800	13950	13850	13350

## LEGEND

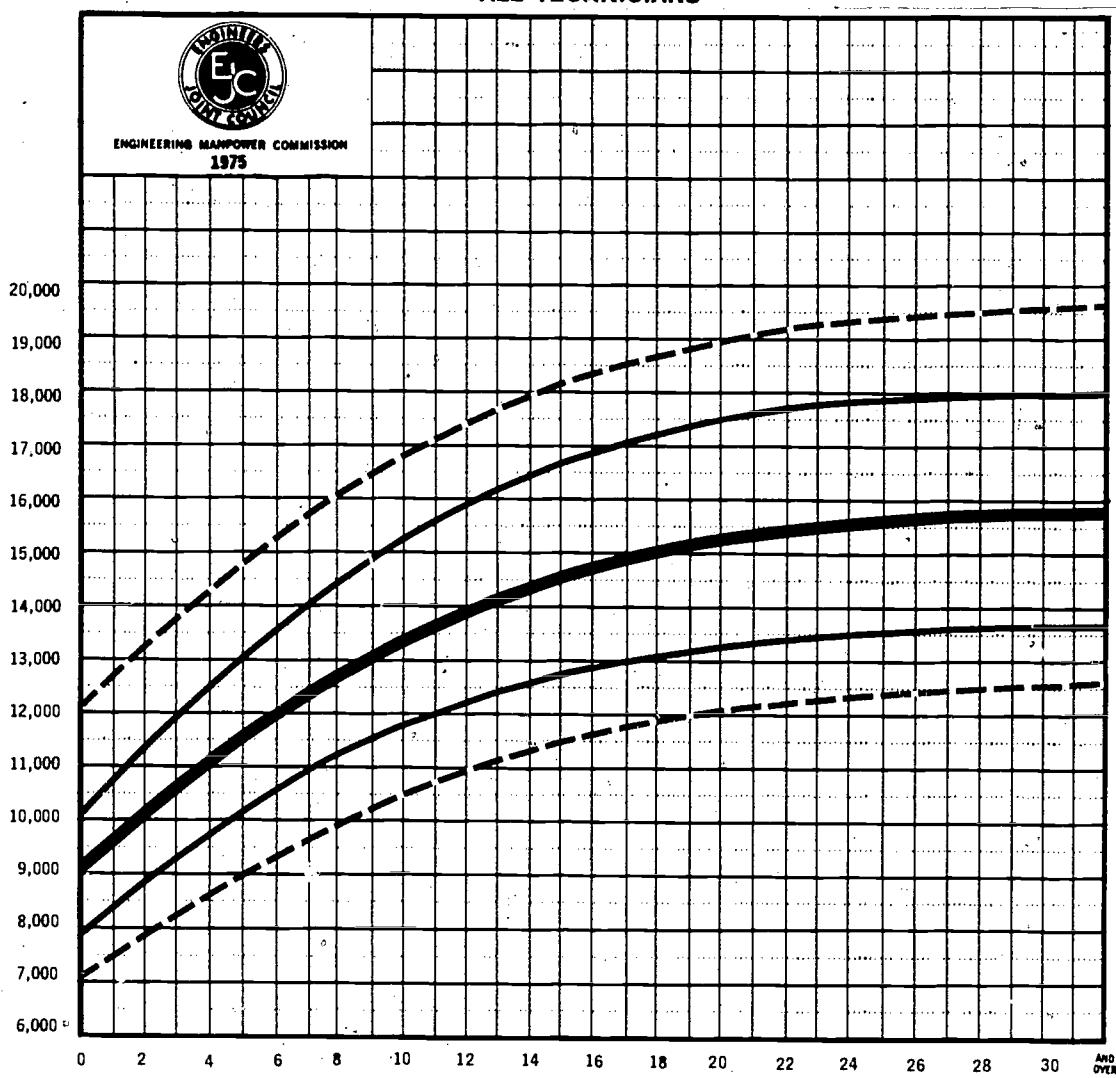
Upper Decile	— — — —
Upper Quartile	— — —
Median	— — —
Lower Quartile	— — —
Lower Decile	— — —

NUMBER OF TECHNICIANS COVERED - 968

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

UTILITIES  
ALL TECHNICIANS



YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	12100	12650	13200	13750	14300	14750	15250	15700	16100
UPPER QUARTILE	10100	10750	11350	11950	12500	13050	13600	14050	14500
MEDIAN	9050	9550	10050	10550	11050	11450	11900	12300	12650
LOWER QUARTILE	7950	8400	8850	9300	9700	10100	10500	10850	11200
LOWER DECILE	7100	7500	7850	8250	8600	8950	9250	9600	9900
MEAN	9300	9800	10300	10800	11250	11650	12100	12450	12850
TOTAL NUMBER	65	120	180	186	217	221	277	275	274
NUMBERS OVER \$20000	0	0	0	0	1	0	0	0	0
NUMBERS UNDER \$ 7000	7	2	2	1	1	1	5	1	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	16850	17750	18400	18850	19200	19400	19500	19600	19650
UPPER QUARTILE	15300	16250	16900	17350	17650	17850	17950	18000	18050
MEDIAN	13350	14150	14750	15150	15450	15600	15700	15800	15850
LOWER QUARTILE	11750	12400	12900	13200	13400	13500	13600	13650	13650
LOWER DECILE	10450	11100	11650	12000	12250	12400	12500	12600	12650
MEAN	13500	14250	14850	15250	15500	15700	15800	15900	15950
TOTAL NUMBER	721	510	468	396	371	434	377	441	416
NUMBERS OVER \$20000	3	2	7	6	12	20	22	27	32
NUMBERS UNDER \$ 7000	1	0	1	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED = 5949

\*Base year (0 years since graduation) is 1975. Equivalent to age 20. For

Associate degrees and non-graduates this is considered a degree the equivalent age is 22.

# UTILITIES

Annual Salary by Equivalent

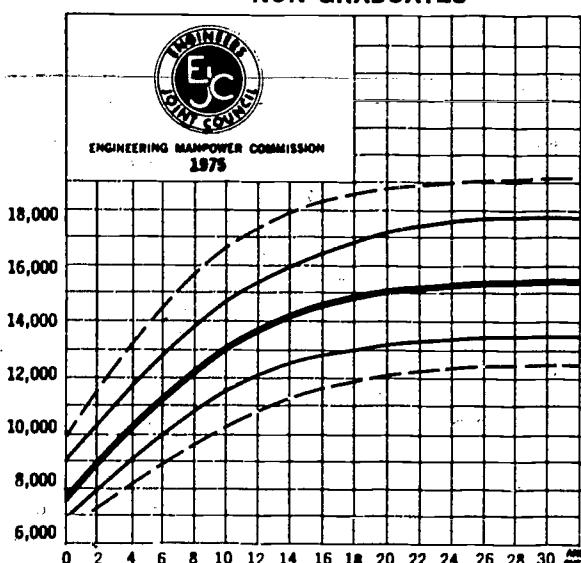
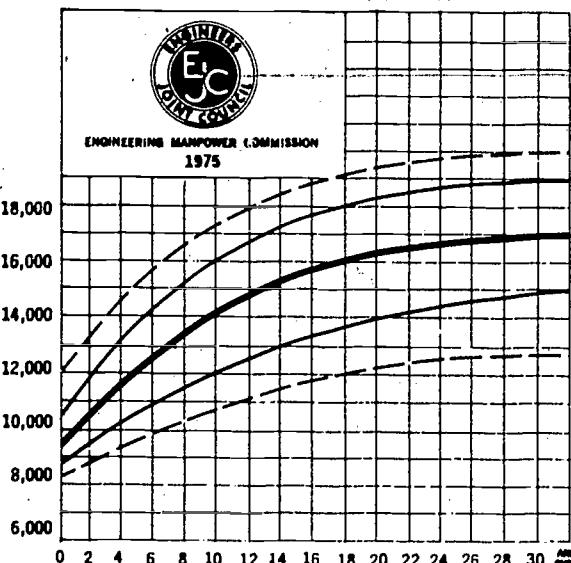
Years Since Graduation

from Technical Institute\* 2-YEAR GRADUATES

Annual Salary by Equivalent

Years Since Graduation

from Technical Institute\* NON GRADUATES



## 2-YEAR GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	12050	12700	13300	13900	14500	15050	15550	16050	16450
UPPER QUARTILE	10550	11200	11850	12500	13100	13650	14200	14700	15200
MEDIAN	9400	9950	10450	11000	11500	12000	12450	12900	13300
LOWER QUARTILE	8850	9200	9500	9850	10200	10500	10800	11100	11400
LOWER DECILE	8350	8600	8850	9100	9300	9550	9750	10000	10200
MEAN	9900	10400	10850	11300	11700	12150	12550	12950	13300
TOTAL NUMBER	35	92	122	123	118	113	147	123	131
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$ 7000	2	0	0	0	0	1	3	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	17250	18200	18850	19300	19600	19800	19950	20000	
UPPER QUARTILE	16000	17700	17750	18250	18550	18800	18900	19000	
MEDIAN	15050	15000	15700	16200	16550	16750	16900	17000	17050
LOWER QUARTILE	12000	12700	13350	13850	14250	14550	14800	15000	15150
LOWER DECILE	10650	11250	11750	12150	12400	12600	12700	12750	12600
MEAN	13950	14800	15450	15950	16300	16550	16750	16850	16900
TOTAL NUMBER	275	179	137	95	88	101	71	77	72
NUMBERS OVER \$20000	2	2	2	3	5	11	8	13	16
NUMBERS UNDER \$ 7000	0	0	0	0	0	0	0	0	0

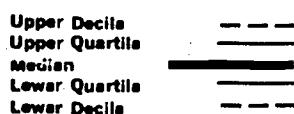
NUMBER OF TECHNICIANS COVERED - 2099

## NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	10000	10850	11650	12450	13200	13950	14600	15200	15750
UPPER QUARTILE	9100	9750	10400	11050	11650	12250	12800	13350	13850
MEDIAN	7600	8250	8900	9550	10150	10750	11300	11800	12250
LOWER QUARTILE	7450	8100	8550	9100	9600	10050	10500	10900	
LOWER DECILE		7300	7700	8100	8500	8900	9250	9600	
MEAN	8100	8700	9300	9900	10450	11000	11550	12000	12450
TOTAL NUMBER	30	28	58	63	99	108	130	152	143
NUMBERS OVER \$20000	0	0	0	0	1	0	0	0	0
NUMBERS UNDER \$ 7000	5	2	2	1	1	0	2	1	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	16650	17650	18300	18700	18900	19050	19100	19150	19150
UPPER QUARTILE	14750	15800	16550	17050	17400	17600	17750	17800	17850
MEDIAN	13050	13950	14500	14900	15100	15200	15300	15350	15350
LOWER QUARTILE	11600	12350	12850	13150	13300	13400	13450	13500	13500
LOWER DECILE	10250	11000	11600	12000	12250	12400	12500	12550	12600
MEAN	13200	14100	14700	15050	15300	15450	15550	15600	15600
TOTAL NUMBER	446	731	331	301	263	333	306	364	344
NUMBERS OVER \$20000	1	0	5	3	6	9	14	14	16
NUMBERS UNDER \$ 7000	1	0	1	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 3850

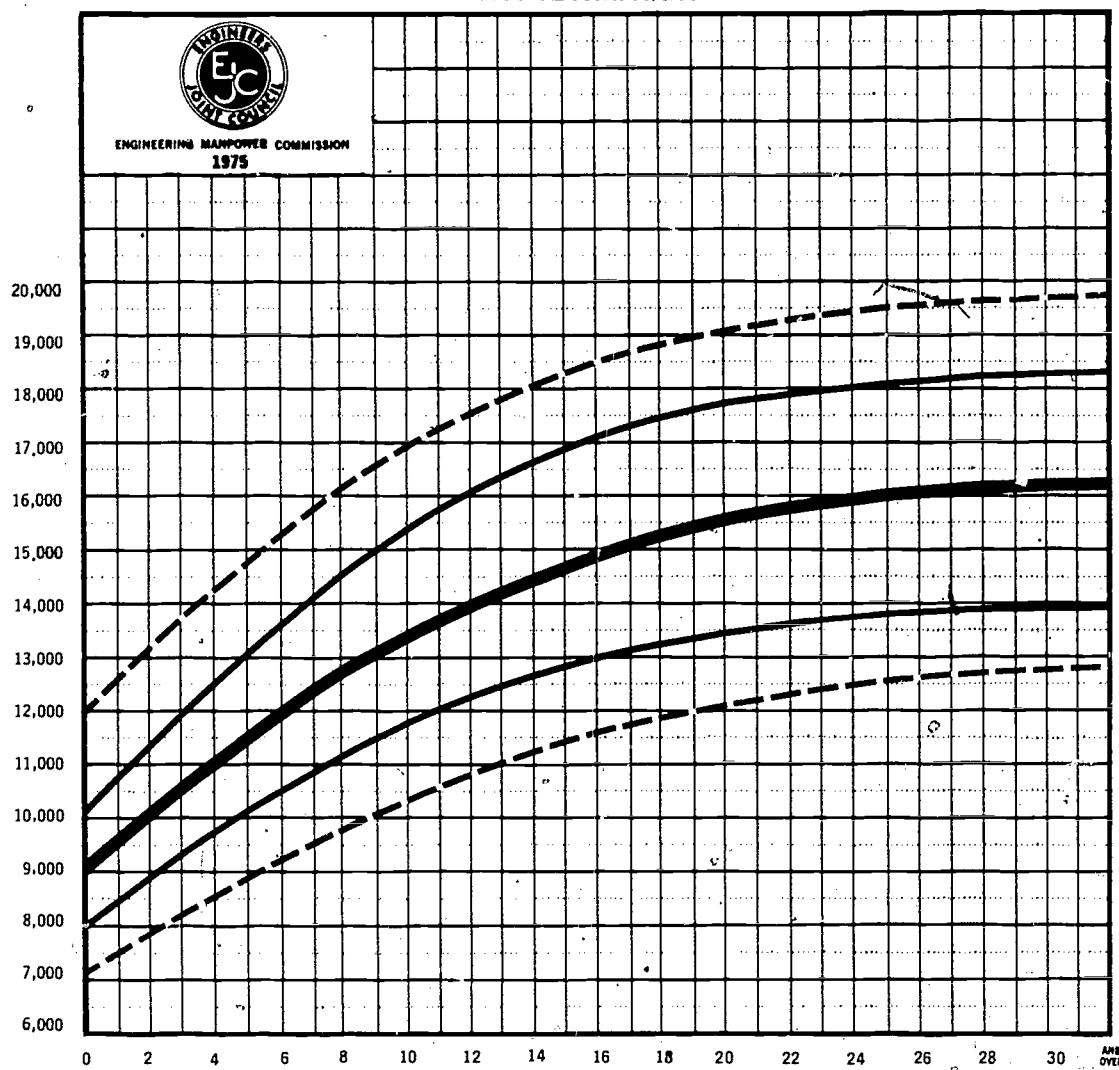
### LEGEND



\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

ELECTRIC & COMBINED UTILITIES  
ALL TECHNICIANS



YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	12,050	12,600	13,200	13,750	14,250	14,750	15,250	15,700	16,150
UPPER QUARTILE	10,200	10,800	11,400	12,000	12,550	13,100	13,600	14,100	14,550
MEDIAN	9,050	9,550	10,050	10,550	11,000	11,450	11,900	12,300	12,700
LOWER QUARTILE	8,000	8,400	8,850	9,250	9,650	10,050	10,400	10,750	11,100
LOWER DECILE	7,100	7,500	7,850	8,150	8,500	8,950	9,150	9,500	9,800
MEAN	9,350	9,850	10,300	10,750	11,200	11,650	12,050	12,450	12,850
TOTAL NUMBER	58	13	174	172	193	199	235	242	237
NUMBERS OVER \$20000	J	0	0	1	0	0	0	0	0
NUMBERS UNDER \$7000	7	2	2	1	1	1	5	6	1

LEGEND

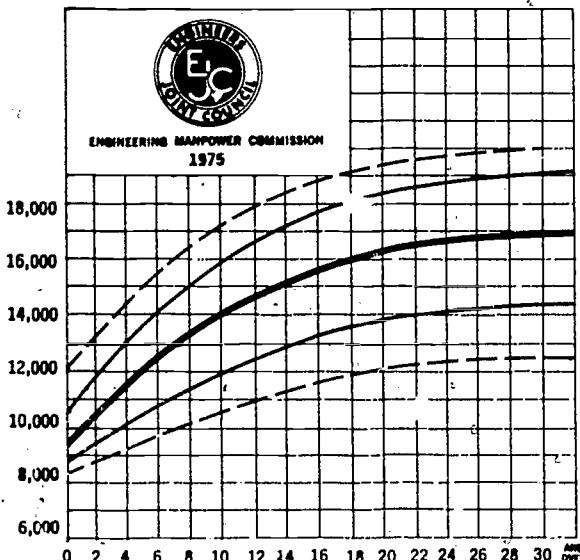
Upper Decile	—	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
Upper Quartile	—	16,900	17,850	18,500	19,000	19,300	19,500	19,650	19,750	19,800
Median	—	15,400	16,350	17,100	17,600	17,900	18,150	18,250	18,350	18,400
Lower Quartile	—	13,400	14,300	14,950	15,400	15,750	15,950	16,100	16,200	16,250
Lower Decile	—	11,700	12,450	13,060	13,750	14,600	13,800	13,900	13,950	14,000
MEAN	—	13,500	14,350	14,950	15,400	15,700	15,950	16,050	16,150	16,200
TOTAL NUMBER	615	420	755	286	254	301	271	329	306	
NUMBERS OVER \$20000	3	1	4	5	11	14	18	21	23	
NUMBERS UNDER \$7000	1	0	1	0	0	0	0	0	0	

NUMBER OF TECHNICIANS COVERED - 4760

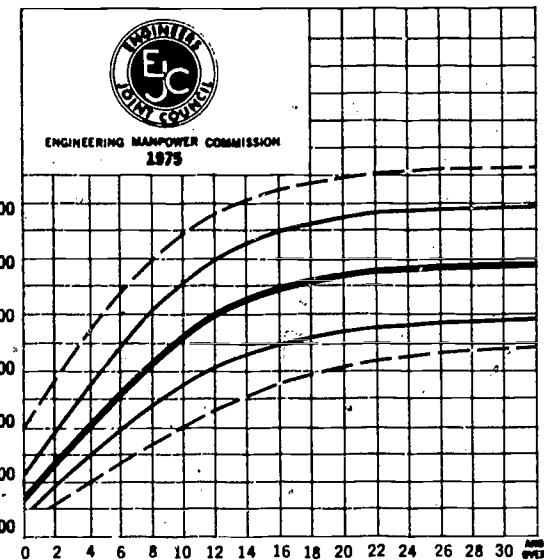
\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

# ELECTRIC & COMBINED UTILITIES

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*    2-YEAR GRADUATES



Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*    NON GRADUATES



## 2-YEAR GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	12050	12650	13250	13850	14400	14950	15450	15950	16400
UPPER QUARTILE	10600	11200	11800	12400	13000	13550	14050	14550	15050
MEDIAN	9400	9900	10450	10950	11450	11900	12350	12800	13200
LOWER QUARTILE	8850	9200	9500	9800	10150	10450	10750	11050	11350
LOWER DECILE	8350	8600	8800	9050	9300	9500	9750	10000	10200
MEAN	9900	10350	10800	11250	11650	12050	12450	12850	13200
TOTAL NUMBER	35	91	121	118	112	105	138	114	129
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	2	0	0	0	0	1	3	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	11700	18150	18850	19350	19650	19850	19950		
UPPER QUARTILE	15400	16900	17700	18200	18600	18850	19000	19100	19150
MEDIAN	13950	14650	15550	16100	16450	16700	16850	16950	17000
LOWER QUARTILE	11900	12650	13250	13700	14000	14200	14300	14300	14200
LOWER DECILE	10600	11200	11650	12050	12300	12500	12550	12550	12400
MEAN	13850	14700	15350	15850	16200	16450	16650	16800	16850
TOTAL NUMBER	260	171	120	86	76	91	63	62	54
NUMBERS OVER \$20000	2	1	2	2	6	10	8	12	14
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 1954

## NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	10050	10950	11800	12650	13400	14150	14850	15450	16000
UPPER QUARTILE	8300	9150	9950	10750	11500	12250	12950	13550	14150
MEDIAN	7450	8100	8750	9400	10050	10650	11200	11750	12250
LOWER QUARTILE	7350	7850	8400	8900	9400	9850	10300	10750	
LOWER DECILE		7250	7650	8000	8400	8750	9100	9400	
MEAN	7950	8550	9200	9800	10400	10950	11500	12000	12450
TOTAL NUMBER	23	22	53	54	81	94	97	128	108
NUMBERS OVER \$20000	0	0	0	0	1	0	0	0	0
NUMBERS UNDER \$7000	5	2	2	1	1	0	2	1	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	16900	17900	18500	18850	19050	19150	19250	19250	19250
UPPER QUARTILE	15150	16250	16950	17600	17650	17800	17850	17900	17900
MEDIAN	13150	14100	14800	15250	15500	15650	15750	15800	15800
LOWER QUARTILE	11500	12350	12950	13350	13600	13750	13800	13850	13900
LOWER DECILE	10050	10450	11500	12000	12350	12600	12750	12900	12950
MEAN	13300	14250	14850	15300	15550	15750	15800	15850	15900
TOTAL NUMBER	355	249	227	200	178	210	208	267	252
NUMBERS OVER \$20000	1	0	2	3	5	4	10	9	9
NUMBERS UNDER \$7000	1	0	1	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 2806

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

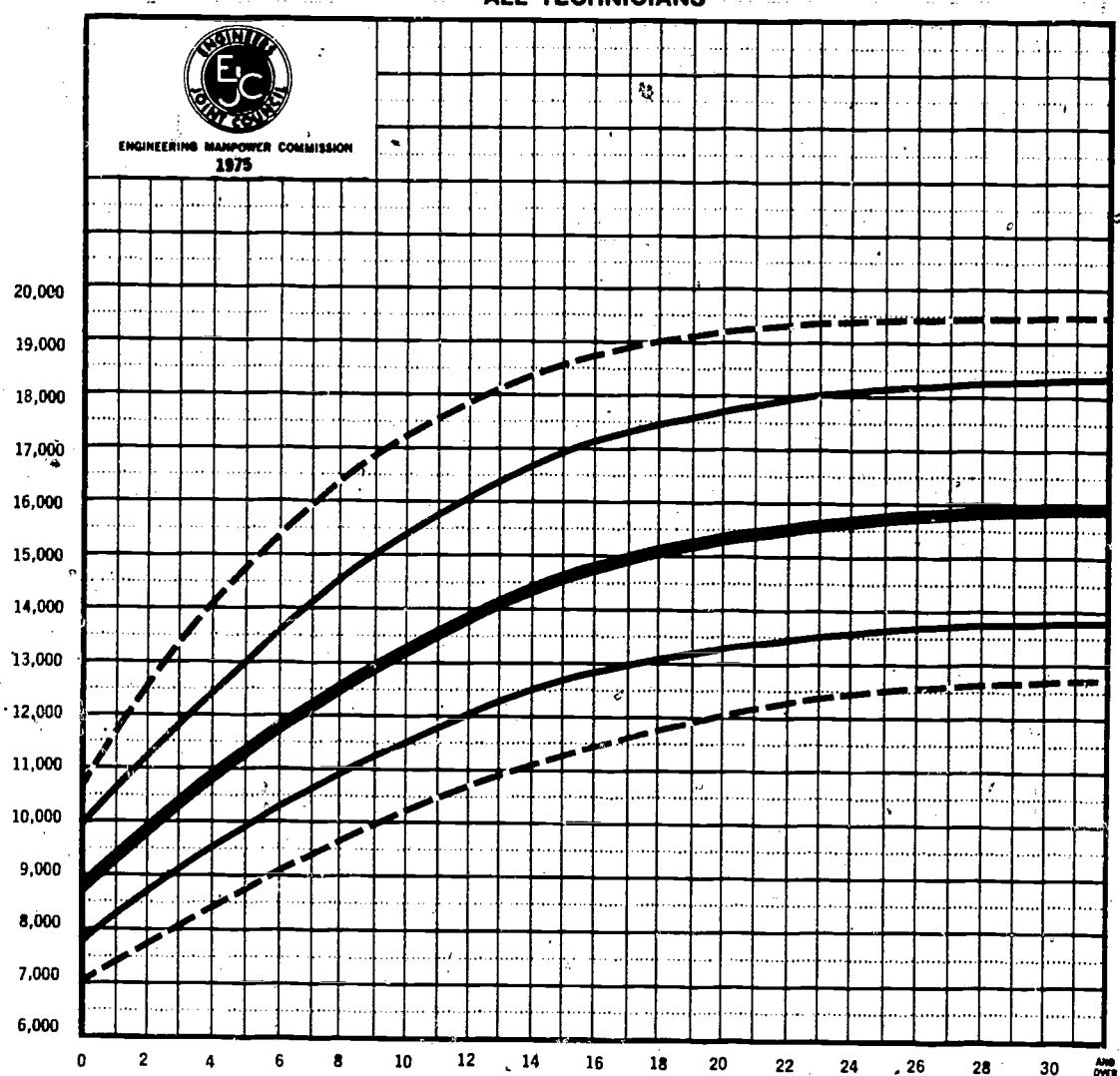
### LEGEND

Upper Decile	— — —
Upper Quartile	— — — —
Median	— — — — —
Lower Quartile	— — — — — —
Lower Decile	— — — — — — —

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

## ELECTRIC UTILITIES

### ALL TECHNICIANS



YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	10750	11650	12450	13250	14050	14700	15300	15900	16400
UPPER QUARTILE	10050	10700	11300	11900	12500	13100	13600	14100	14600
MEDIAN	8854	9350	9850	10350	10800	11250	11650	12100	12450
LOWER QUARTILE	7800	8250	8650	9100	9500	9900	10250	10600	10950
LOWER DECILE	7050	7400	7750	8050	8400	8750	9050	9350	9650
MEAN	8950	9500	10050	10550	11050	11500	11950	12350	12750
TOTAL NUMBER	35	90	135	142	152	156	168	182	187
NUMBERS OVER \$20000	0	0	0	0	1	0	0	0	0
NUMBERS UNDER \$7000	6	2	2	0	1	1	5	1	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	17250	18150	18750	19100	19300	19400	19500	19500	19500
UPPER QUARTILE	15400	16400	17150	17650	17950	18200	18300	18400	18400
MEDIAN	13150	14050	14700	15150	15500	15750	15850	15950	16000
LOWER QUARTILE	11500	12250	12800	13150	13450	13600	13700	13800	13850
LOWER DECILE	10200	10900	11400	11900	12200	12450	12600	12700	12800
MEAN	13450	14300	14900	15350	15600	15800	15900	16000	16000
TOTAL NUMBER	471	329	272	215	183	206	200	244	214
NUMBERS OVER \$20000	1	0	3	5	8	11	11	16	18
NUMBERS UNDER \$7000	1	0	1	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 3603

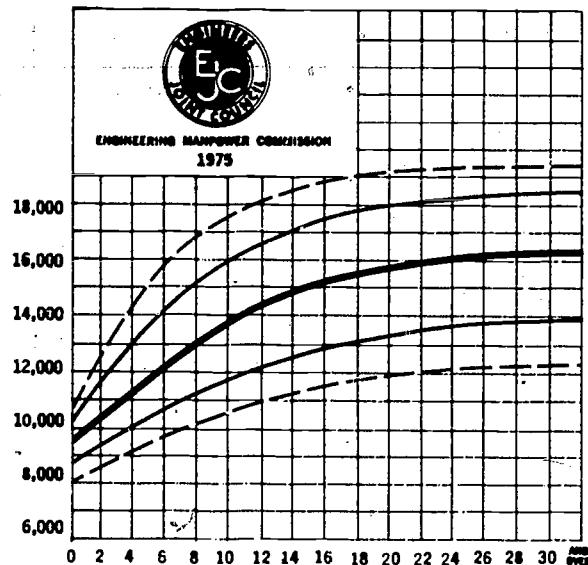
\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

# ELECTRIC UTILITIES

Annual Salary by Equivalent

Years Since Graduation

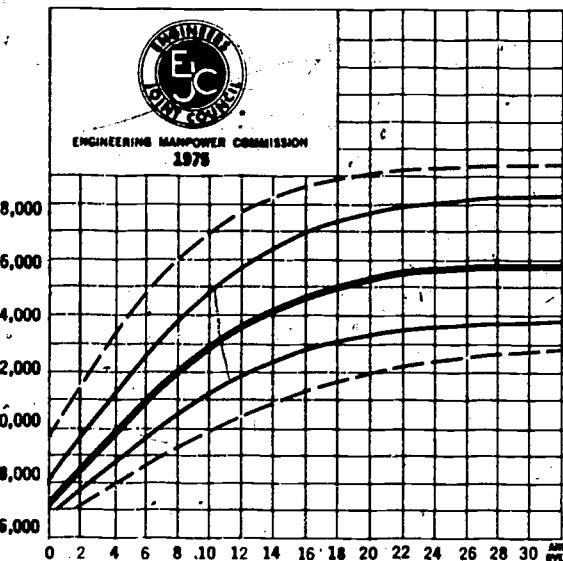
from Technical Institute\* **2-YEAR GRADUATES**



Annual Salary by Equivalent

Years Since Graduation

from Technical Institute\* **NON GRADUATES**



## 2-YEAR GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	10750	11700	12600	13450	14250	14950	15600	16200	16700
UPPER QUARTILE	10250	10950	11650	12300	12950	13550	14150	14650	15100
MEDIAN	9650	10150	10600	11100	11550	11950	12350	12750	13100
LOWER QUARTILE	8750	9100	9450	9750	10100	10400	10700	10950	11250
LOWER DECILE	8050	8700	8600	8850	9150	9400	9650	9900	10100
MEAN	9600	10100	10600	11100	11550	12000	12400	12800	13150
TOTAL NUMBER	13	69	93	98	91	82	111	87	111
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	2	0	0	0	0	1	3	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	17500	18350	18800	19100	19250	19350	19750	19400	19400
UPPER QUARTILE	15950	16450	17500	17900	18150	18300	18400	18450	18650
MEDIAN	13750	14550	15150	15600	15900	16100	16200	16300	16350
LOWER QUARTILE	11750	12400	12900	13250	13500	13700	13800	13900	13950
LOWER DECILE	10550	11100	11500	11800	12050	12200	12300	12400	12450
MEAN	13800	14600	15150	15550	15850	16000	16100	16200	16200
TOTAL NUMBER	209	152	105	66	60	68	45	50	43
NUMBERS OVER \$20000	0	0	1	2	4	9	8	11	13
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 1553

## NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	9700	10600	11550	12450	13300	14100	14800	15450	16050
UPPER QUARTILE	8200	8950	9700	10450	11150	11850	12550	13200	13800
MEDIAN	7250	7900	8550	9150	9800	10350	10950	11500	12000
LOWER QUARTILE	7150	7800	8300	8750	9200	9650	10100	10500	10500
LOWER DECILE	7250	7600	7950	8300	8650	9050	9450	9800	9300
MEAN	7800	8400	9000	9600	10200	10750	11300	11800	12300
TOTAL NUMBER	22	21	42	44	61	76	77	95	76
NUMBERS OVER \$20000	0	0	0	0	1	0	0	0	0
NUMBERS UNDER \$7000	4	2	2	0	1	0	2	1	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	17000	18050	19000	19200	19300	19350	19400	19400	19400
UPPER QUARTILE	14850	16100	16950	17550	17900	18100	18250	18300	18300
MEDIAN	12900	13900	14650	15200	15400	15600	15700	15750	15750
LOWER QUARTILE	11200	12100	12750	13200	13450	13600	13700	13800	13800
LOWER DECILE	9900	10650	11350	11850	12200	12500	12700	12850	12950
MEAN	13100	14100	14800	15250	15550	15750	15850	15900	15950
TOTAL NUMBER	262	177	167	149	123	138	155	194	171
NUMBERS OVER \$20000	1	0	2	3	4	2	3	7	5
NUMBERS UNDER \$7000	1	0	1	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 2050

### LEGEND

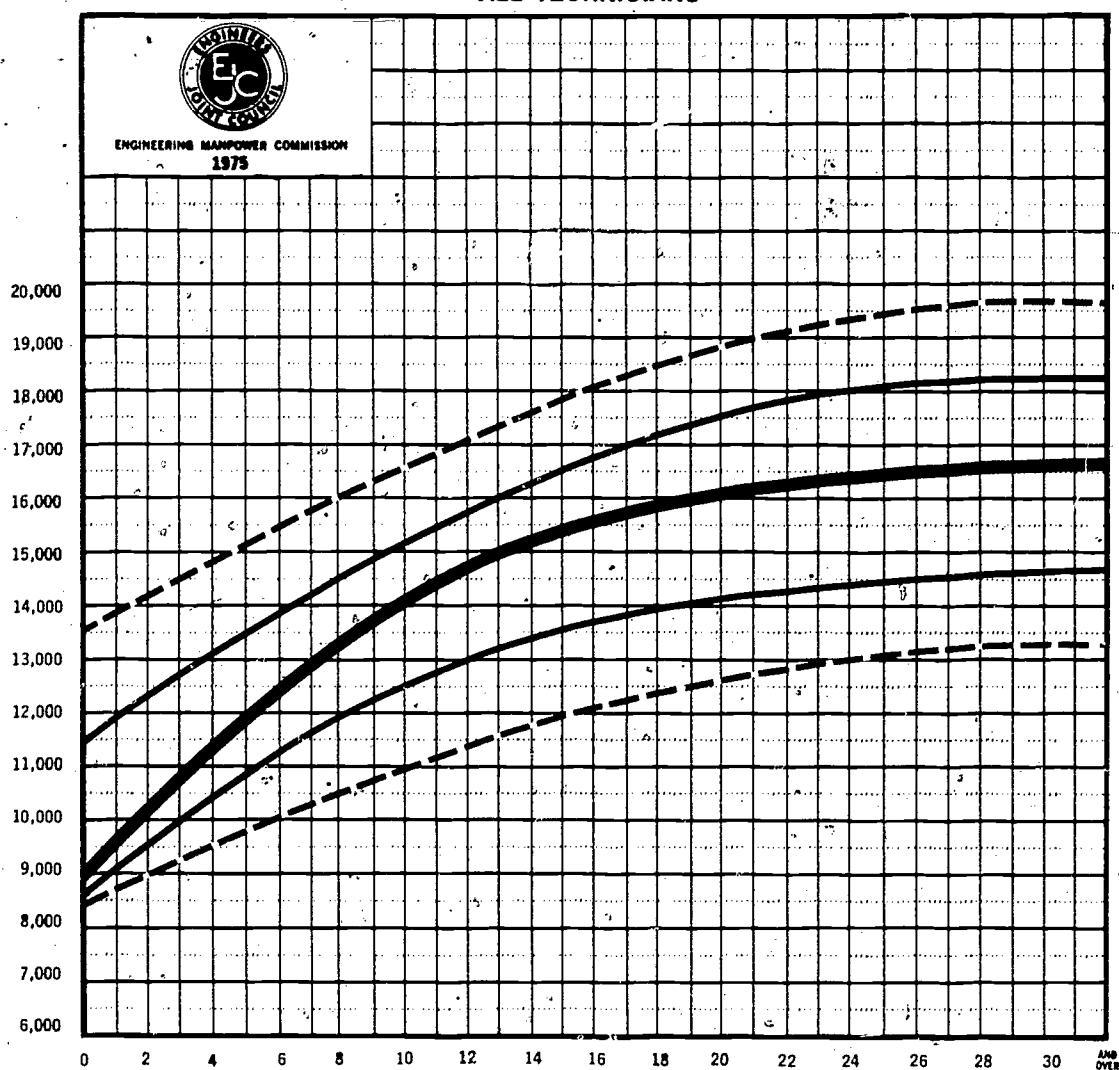
- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

## COMBINED ELECTRIC & GAS UTILITIES

### ALL TECHNICIANS



#### LEGEND

Upper Decile	— — —
Upper Quartile	— — — —
Median	— — — — —
Lower Quartile	— — — — — —
Lower Decile	— — — — — — —

YEARS	0-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	16550	17350	18050	18650	19100	19450	19600	19650	19250
UPPER QUARTILE	15150	16100	16850	17450	17900	18150	18250	18250	18000
MEDIAN	14050	14900	15550	16000	16300	16450	16550	16650	16650
LOWER QUARTILE	12500	13250	13750	14150	14350	14500	14600	14650	14700
LOWER DECILE	10950	11550	12100	12500	12800	13050	13200	13250	13250
MEAN	13800	14600	15250	15700	16050	16250	16350	16350	16300
TOTAL NUMBER	144	91	83	71	71	95	71	85	92
NUMBERS OVER \$20000	2	1	1	0	3	3	7	3	5
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0

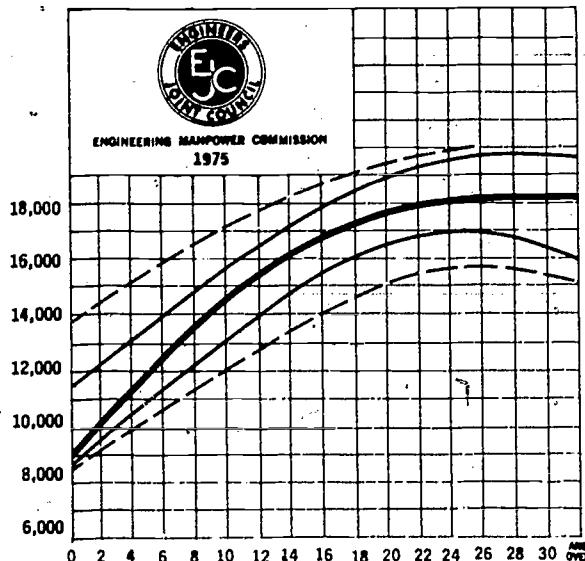
NUMBER OF TECHNICIANS COVERED - 1157

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

# COMBINED ELECTRIC & GAS UTILITIES

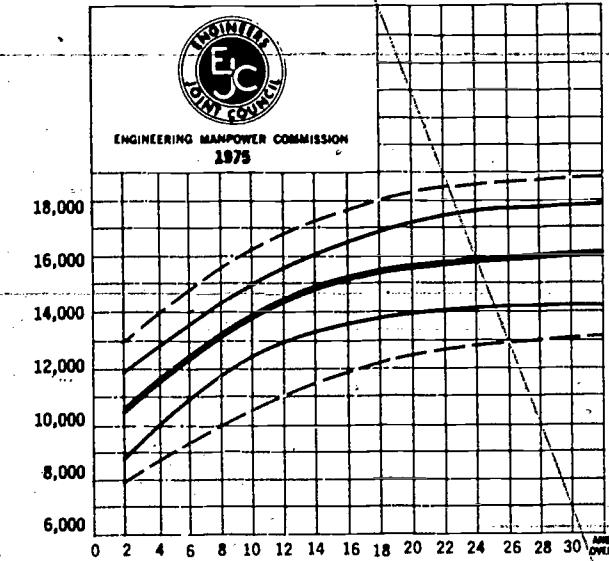
Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

## 2-YEAR GRADUATES



Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

## NON GRADUATES



## 2-YEAR GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	13800	14150	14500	14800	15150	15500	15800	16150	16450
UPPER QUARTILE	11500	11900	12300	12700	13100	13500	13950	14750	14750
MEDIAN	9050	9600	10150	10700	11250	11800	12350	12900	13450
LOWER QUARTILE	8800	9200	9600	10000	10400	10850	11250	11700	12150
LOWER DECILE	8650	8950	9250	9600	9900	10250	10600	10950	11300
MEAN	10450	10800	11200	11600	12000	12400	12800	13200	13600
TOTAL NUMBER	22	22	28	20	21	23	27	27	18
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	17100	17950	18650	19250	19700	19950	19800	19650	18800
UPPER QUARTILE	15600	16750	17800	18650	19300	19700	19800	19650	18800
MEDIAN	14450	15750	16750	17450	17900	18100	18150	18150	18050
LOWER QUARTILE	13050	14300	15450	16350	16850	17000	16750	15950	14000
LOWER DECILE	12000	13000	14000	14800	15400	15650	15650	15100	13150
MEAN	14400	15500	16500	17300	17850	18150	18200	17900	16950
TOTAL NUMBER	51	19	23	20	16	23	18	12	11
NUMBERS OVER \$20000	2	1	1	0	2	1	0	1	1
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 401

## NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	0	0	12950	13450	13900	14350	14750	15150	15500
UPPER QUARTILE	0	0	11900	12300	12700	13100	13500	13900	14250
MEDIAN	0	0	10450	10950	11450	11950	12350	12750	13150
LOWER QUARTILE	0	0	8700	9300	9850	10400	10900	11350	11750
LOWER DECILE	0	0	7900	8250	8650	8950	9300	9650	9950
MEAN	0	0	10450	10900	11350	11800	12200	12550	12900
TOTAL NUMBER	1	1	11	10	20	18	20	33	32
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	1	0	0	1	0	0	0	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	16200	17000	17600	18100	18400	18600	18750	18850	18850
UPPER QUARTILE	14950	15800	16550	17150	17400	17650	17750	17850	17850
MEDIAN	13800	14600	15150	15500	15750	15900	16000	16050	16100
LOWER QUARTILE	12450	13150	13600	13850	14050	14100	14150	14200	14200
LOWER DECILE	10500	11250	11850	12300	12650	12850	13000	13150	13200
MEAN	13550	14300	14900	15300	15550	15750	15850	15950	16000

### LEGEND

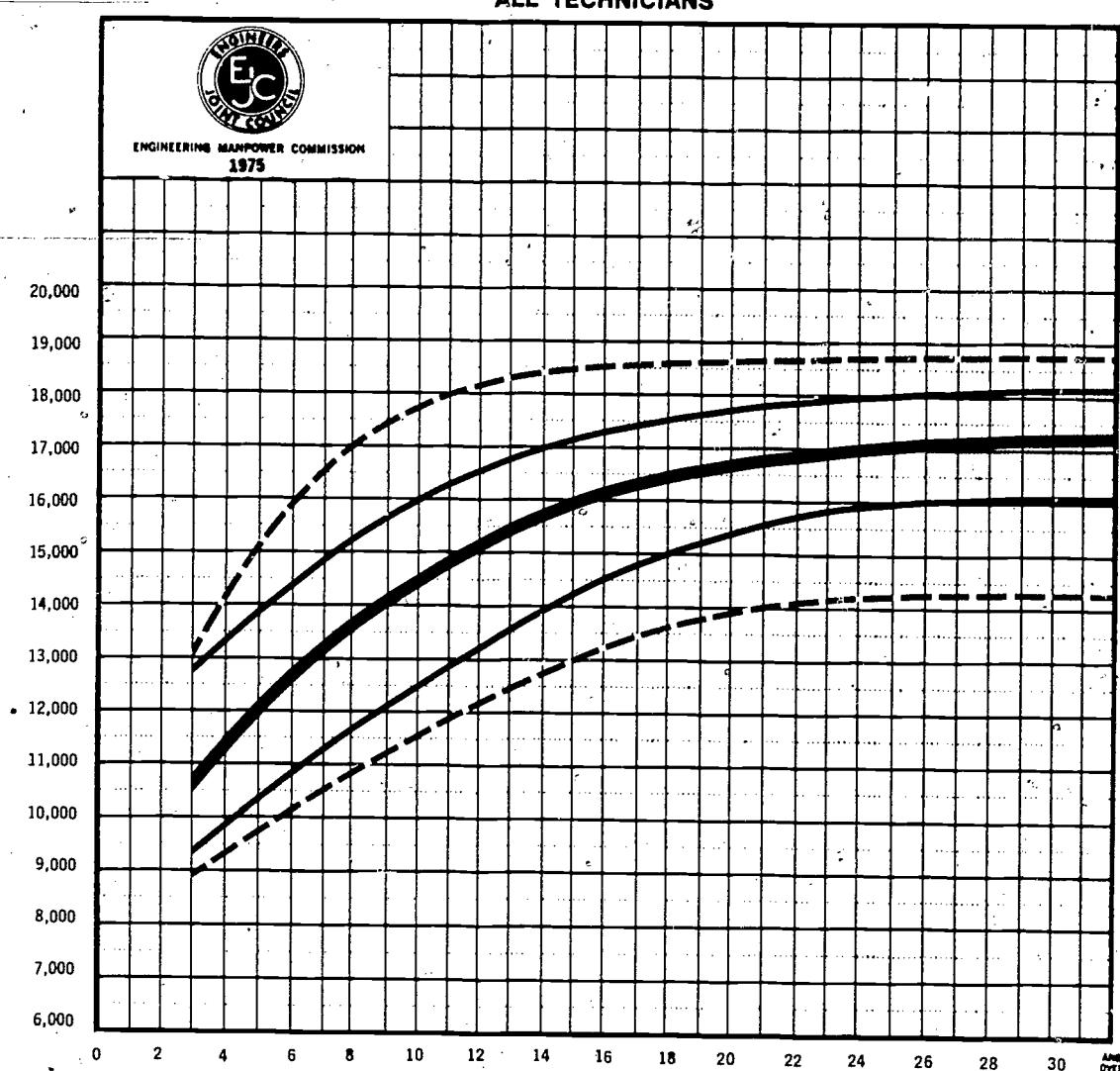
Upper Decile	-----
Upper Quartile	----
Median	---
Lower Quartile	- - -
Lower Decile	-----

NUMBER OF TECHNICIANS COVERED - 756

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

COMMUNICATIONS  
ALL TECHNICIANS



YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	0	0	0	13100	14200	15100	15900	16500	17000
UPPER QUARTILE	0	0	0	12850	13400	13950	14450	14900	15300
MEDIAN	0	0	0	10650	11300	11950	12500	13050	13600
LOWER QUARTILE	0	0	0	9400	9850	10300	10750	11200	11650
LOWER DECILE	0	0	0	8950	9300	9700	10100	10450	10850
MEAN	0	0	0	11050	11600	12150	12650	13150	13600
TOTAL NUMBER	3	3	2	10	12	9	21	12	5
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	17700	18750	18500	18600	18650	18700	18700	18700	18700
UPPER QUARTILE	16000	16800	17350	17700	17900	18050	18100	18150	18200
MEDIAN	14450	15500	16150	16600	16900	17050	17150	17200	17200
LOWER QUARTILE	12500	13650	14550	15250	15700	15950	16050	16050	15950
LOWER DECILE	11550	12450	13200	13750	14100	14250	14300	14300	14150
MEAN	14400	15300	15950	16350	16650	16800	16900	16950	16950
TOTAL NUMBER	39	29	38	32	24	40	12	17	21
NUMBERS OVER \$20000	0	0	0	0	0	2	0	0	0
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0

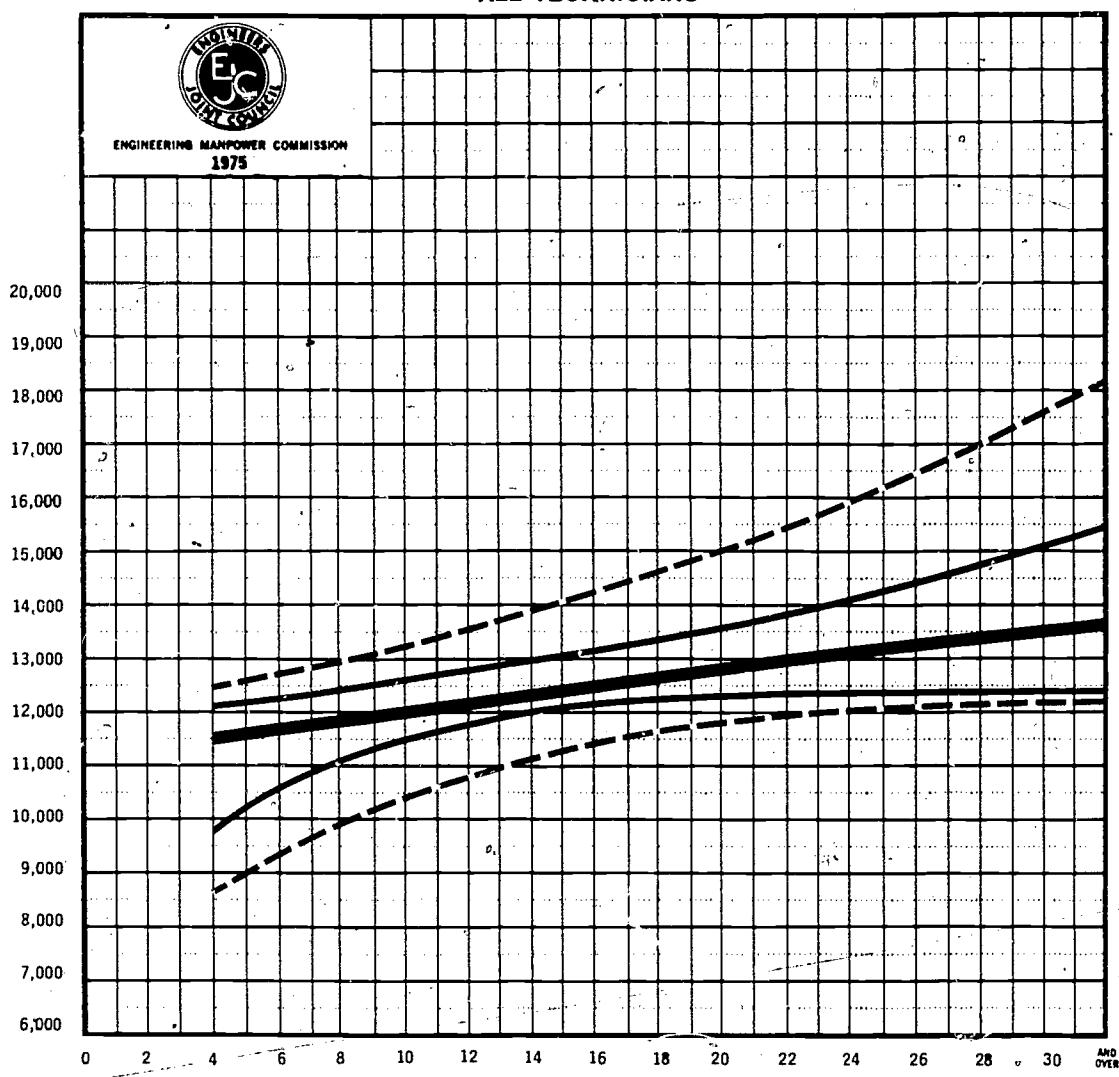
NUMBER OF TECHNICIANS COVERED = 326

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

GAS UTILITIES & PIPELINES

ALL TECHNICIANS



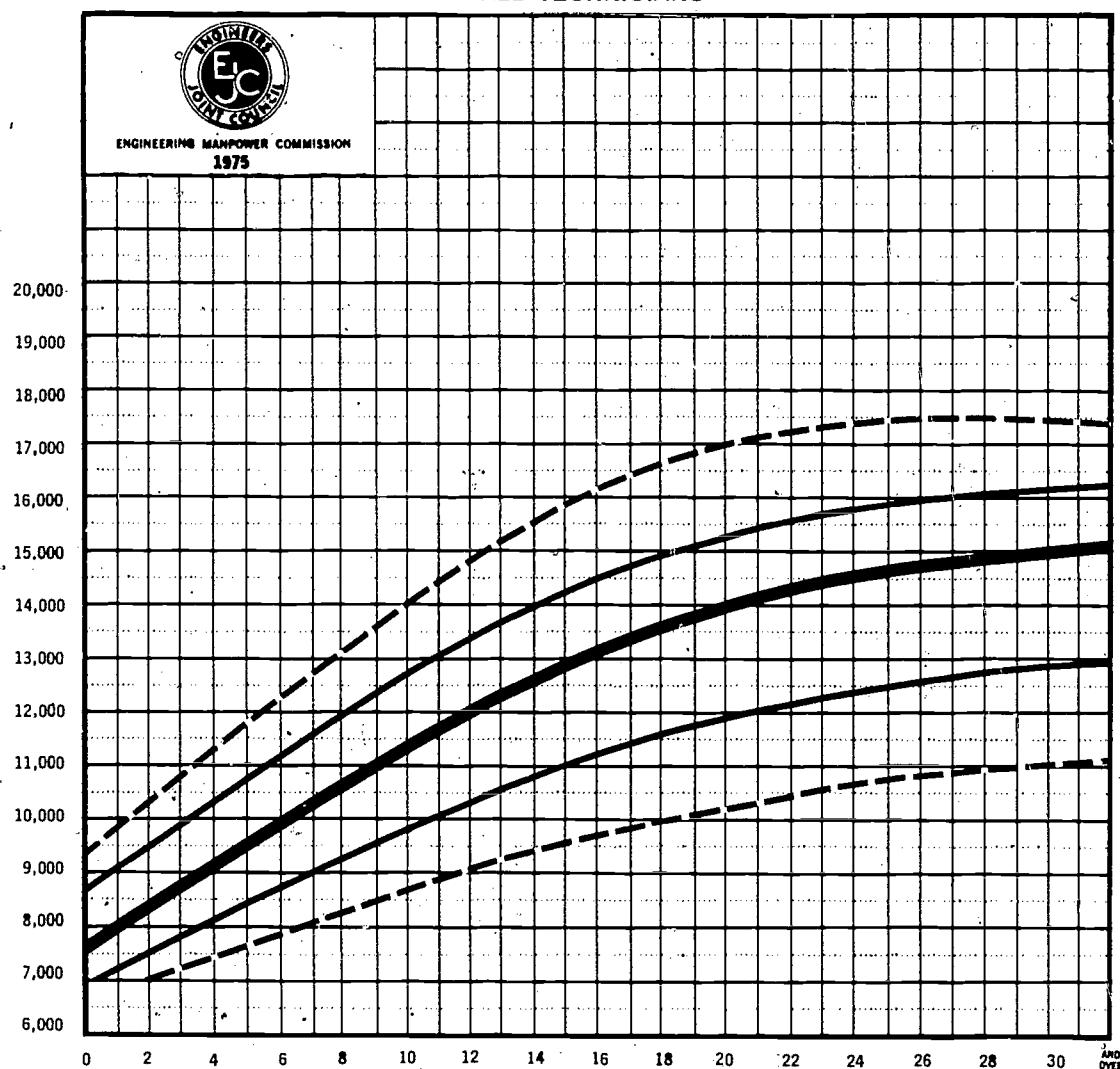
YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	0	0	0	0	12450	12550	12710	12800	12950
UPPER QUARTILE	0	0	0	0	12170	12200	12250	12300	12400
MEDIAN	0	0	0	0	11500	11600	11650	11750	11850
LOWER QUARTILE	0	0	0	0	9750	10150	10500	10800	11100
LOWER DECILE	0	0	0	0	8650	8950	9300	9600	9900
MEAN	0	0	0	0	11200	11350	11450	11550	11700
TOTAL NUMBER	4	3	4	1	8	9	15	13	19
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	13200	13700	14200	14800	15450	16200	17030	18100	
UPPER QUARTILE	12550	12800	13100	13400	13800	14200	14700	15500	17050
MEDIAN	12000	12700	12450	12770	12900	13150	13750	13600	14050
LOWER QUARTILE	11500	11950	12150	12300	12350	12400	12400	12450	12450
LOWER DECILE	10400	11000	11400	11750	11950	12050	12150	12200	12200
MEAN	11900	12250	12600	12950	13300	13600	13950	14350	15000
TOTAL NUMBER	41	45	46	52	75	64	52	64	57
NUMBERS OVER \$20000	0	0	0	0	1	0	1	3	6
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 563

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

FEDERAL GOVERNMENT  
ALL TECHNICIANS



YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	9450	9900	10400	10850	11300	11800	12250	12700	13150
UPPER QUARTILE	8650	9050	9500	9900	10350	10750	11150	11600	11950
MEDIAN	7600	7950	8350	8700	9100	9500	9850	10250	10600
LOWER QUARTILE	7250	7550	7800	8100	8400	8700	8950	9250	9500
LOWER DECILE	6800	7000	7200	7450	7650	7850	8050	8250	8450
MEAN	7850	8200	8550	8900	9300	9650	10000	10350	10700
TOTAL NUMBER	104	121	146	150	135	171	186	198	216
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	23	14	10	7	9	10	4	3	2

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	14050	15200	16150	16800	17250	17450	17500	17400	17150
UPPER QUARTILE	12700	13700	14500	15100	15550	15850	16050	16250	16350
MEDIAN	11300	12250	13100	13750	14250	14600	14850	15050	15200
LOWER QUARTILE	9800	10500	11200	11750	12150	12500	12750	12950	13150
LOWER DECILE	8650	9200	9700	10100	10450	10700	10950	11100	11300
MEAN	11350	12250	12950	13450	13950	14250	14400	14550	14600
TOTAL NUMBER	537	557	517	450	350	326	288	386	808
NUMBERS OVER \$20000	0	1	3	6	1	1	3	8	7
NUMBERS UNDER \$7000	6	1	1	0	0	1	0	0	1

NUMBER OF TECHNICIANS COVERED - 5646

LEGEND

Upper Decile    - - -  
 Upper Quartile    - - - -  
 Median    - - - - -  
 Lower Quartile    - - - - -  
 Lower Decile    - - - - -

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

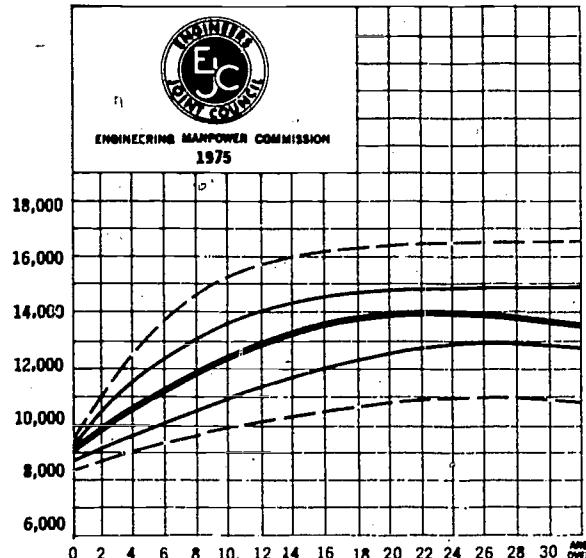
# FEDERAL GOVERNMENT

Annual Salary by Equivalent

Years Since Graduation

from Technical Institute\*

## 2-YEAR GRADUATES

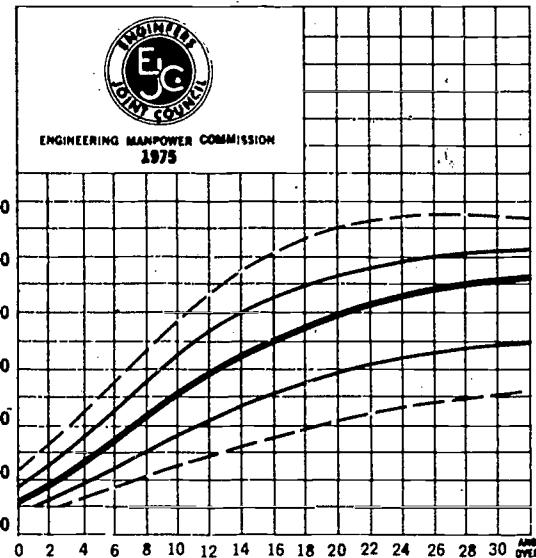


Annual Salary by Equivalent

Years Since Graduation

from Technical Institute\*

## NON GRADUATES



## 2-YEAR GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	9550	10750	11150	11850	12500	13100	13650	14100	14600
UPPER QUARTILE	9200	9450	10450	11000	11500	12000	12400	12800	13150
MEDIAN	9100	9450	9800	10150	10500	10800	11150	11450	11750
LOWER QUARTILE	8750	8950	9150	9400	9600	9800	10050	10250	10450
LOWER DECILE	8400	8550	8700	8850	9000	9200	9300	9450	9600
MEAN	9200	9500	9850	10200	10550	10850	11200	11500	11800

TOTAL NUMBER	20	42	50	56	28	51	67	43	35
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	0	0	0	0	1	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	15150	15100	16200	16400	16500	16550	16550	16600	16600
UPPER QUARTILE	13650	14200	14550	14700	14800	14900	14900	14900	14950
MEDIAN	12350	13050	13600	13900	14000	14000	14000	13500	12900
LOWER QUARTILE	10900	11450	12000	12450	12750	12950	12950	12750	11850
LOWER DECILE	9900	10250	10550	10800	10950	11000	11000	10800	10100
MEAN	12400	13100	13600	13950	14050	14050	13900	13550	13000

TOTAL NUMBER	94	42	51	31	33	18	15	11	8
NUMBERS OVER \$20000	0	1	2	0	0	0	0	0	0
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 715

## NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	8400	8900	9450	9950	10500	11050	11600	12150	12700
UPPER QUARTILE	7750	8200	8650	9150	9600	10100	1060	11050	11500
MEDIAN	7100	7500	7550	8250	8650	9050	9450	9850	10250
LOWER QUARTILE	7300	7250	7550	7850	8150	8450	8750	9050	9100
LOWER DECILE	7100	7300	7360	7500	7740	7900	8100	8400	8100
MEAN	7300	7650	8050	8400	8800	9200	9610	10000	10350

TOTAL NUMBER	84	79	96	94	107	120	139	155	181
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	23	14	10	7	8	10	4	3	2

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	13700	15050	16100	16800	17250	17400	17450	17350	17150
UPPER QUARTILE	12400	13550	14500	15200	15650	15950	16150	16250	16300
MEDIAN	11050	12100	13000	13700	14250	14650	14950	15150	15250
LOWER QUARTILE	9600	10400	11100	11700	12150	12500	12750	12950	13150
LOWER DECILE	9500	9650	9550	10000	10400	10700	10900	11150	11350

## LEGEND

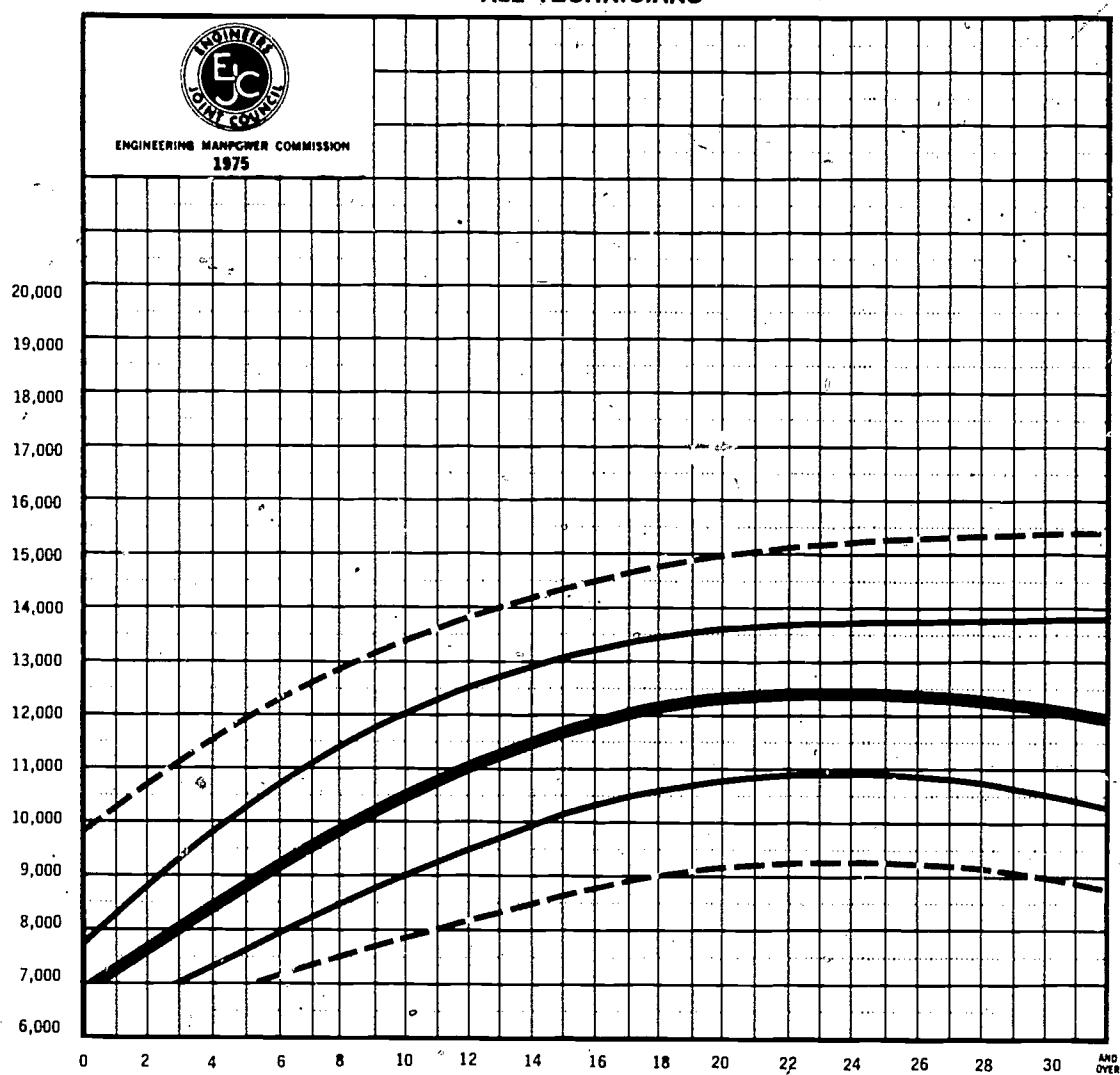
Upper Decile	---
Upper Quartile	=====
Median	=====
Lower Quartile	=====
Lower Decile	-----

NUMBER OF TECHNICIANS COVERED - 4931

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

STATE GOVERNMENT  
ALL TECHNICIANS



YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	9900	10350	10750	11150	11500	11850	12200	12550	12850
UPPER QUARTILE	7750	8300	8550	9350	9800	10250	10700	11050	11400
MEDIAN	7300	7650	8050	8400	8600	9150	9500	9850	
LOWER QUARTILE	7100	7350	7650	7950	8200	8500	8700	8900	
LOWER DECILE	7150	7300	7500	7700	7900	8100	8300	8500	
MEAN	7700	8000	8300	8550	8850	9150	9450	9750	10000
TOTAL NUMBER	234	243	299	334	372	359	388	504	543
NUMBERS OVER \$20000	1	0	9	0	0	1	0	0	0
NUMBERS UNDER \$7000	162	177	123	131	109	75	63	77	56

LEGEND	Upper Decile	Upper Quartile	Median	Lower Quartile	Lower Decile
	---	---	—	—	---
	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	11350	14000	14500	14850	15100	15250	15350	15450	15500
UPPER QUARTILE	12000	12700	13200	13500	13650	13750	13800	13850	13850
MEDIAN	11500	11350	11900	12250	12400	12350	12200	11900	11500
LOWER QUARTILE	9000	9750	10350	10750	10900	10900	10750	10350	9500
LOWER DECILE	7850	8350	8750	9050	9200	9250	9100	8700	7600
MEAN	10550	11250	11650	12200	12450	12500	12400	12150	11600
TOTAL NUMBER	1231	1346	1178	1171	846	658	595	678	1028
NUMBERS OVER \$20000	2	0	9	10	16	13	12	14	19
NUMBERS UNDER \$7000	76	52	30	24	29	13	11	12	79

NUMBER OF TECHNICIANS COVERED - 11921

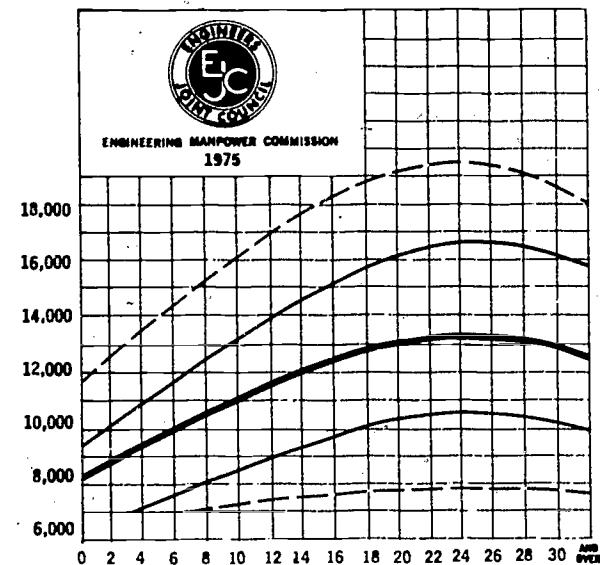
\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

# STATE GOVERNMENT

Annual Salary by Equivalent

Years Since Graduation

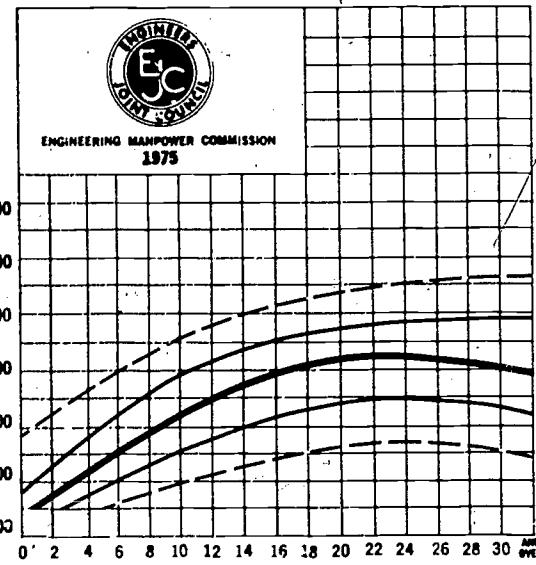
from Technical Institute\* **2-YEAR GRADUATES**



Annual Salary by Equivalent

Years Since Graduation

from Technical Institute\* **NON GRADUATES**



## 2-YEAR GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	11750	12150	12550	13000	13400	13850	14300	14750	15200
UPPER QUARTILE	9500	9850	10150	10500	10900	11250	11600	12000	12350
MEDIAN	8250	8500	8800	9050	9350	9650	9900	10200	10500
LOWER QUARTILE	6800	7100	7400	7700	8000	8300	8600	8900	9200
LOWER DECILE	5500	5800	6100	6400	6700	7000	7300	7600	7900
MEAN	8500	8800	9050	9300	9600	9900	10150	10450	10700
TOTAL NUMBER	35	63	92	94	95	100	96	88	83
NUMBERS OVER \$20000	1	0	0	0	0	1	0	0	0
NUMBERS UNDER \$7000	15	23	30	31	29	31	17	29	14
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	16050	17300	18350	19150	19550	19550	19150	18000	15150
UPPER QUARTILE	13130	14200	15150	15950	16450	16650	16450	15700	13450
MEDIAN	11050	11400	12450	12950	13200	13250	13100	12550	11100
LOWER QUARTILE	8500	9150	9750	10200	10500	10600	10450	10000	8600
LOWER DECILE	7200	7450	7600	7750	7800	7800	7750	7600	7100
MEAN	11250	12050	12700	13200	13500	13550	13350	12750	11100
TOTAL NUMBER	139	82	70	69	70	46	22	38	79
NUMBERS OVER \$20000	2	9	7	6	9	7	5	3	0
NUMBERS UNDER \$7000	16	11	4	5	5	2	1	3	13

NUMBER OF TECHNICIANS COVERED - 1351

## NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	9700	10100	10500	10900	11300	11650	12000	12350	12650
UPPER QUARTILE	7650	8150	8700	9200	9650	10100	10500	10900	11250
MEDIAN	7150	7500	7850	8250	8650	9000	9350	9750	10500
LOWER QUARTILE	5800	6300	6800	7150	7400	7700	7950	8250	8500
LOWER DECILE	5000	5400	5800	6150	6400	6700	7200	7400	7550
MEAN	7300	7600	7950	8300	8650	8950	9300	9600	9950
TOTAL NUMBER	203	180	207	240	277	259	302	416	460
NUMBERS OVER \$20000	0	0	0	0	0	0	3	0	0
NUMBERS UNDER \$7000	167	104	93	100	80	54	46	48	40
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	11150	13850	14300	14700	14900	15100	15200	15300	15300
UPPER QUARTILE	11900	12600	13100	13650	13750	13800	13850	13850	13850
MEDIAN	10400	11250	11900	12250	12400	12350	12200	11900	11500
LOWER QUARTILE	9050	9400	10350	10750	10950	10950	10750	10350	9550
LOWER DECILE	7900	8400	9850	9150	9700	9350	9200	8850	7750
MEAN	10500	11250	11750	12100	12250	12300	12200	12050	11750

TOTAL NUMBER	1092	1264	1108	1102	776	612	443	640	949
NUMBERS OVER \$20000	0	0	2	4	7	6	7	11	19
NUMBERS UNDER \$7000	60	41	26	19	24	11	10	29	66

NUMBER OF TECHNICIANS COVERED - 10570

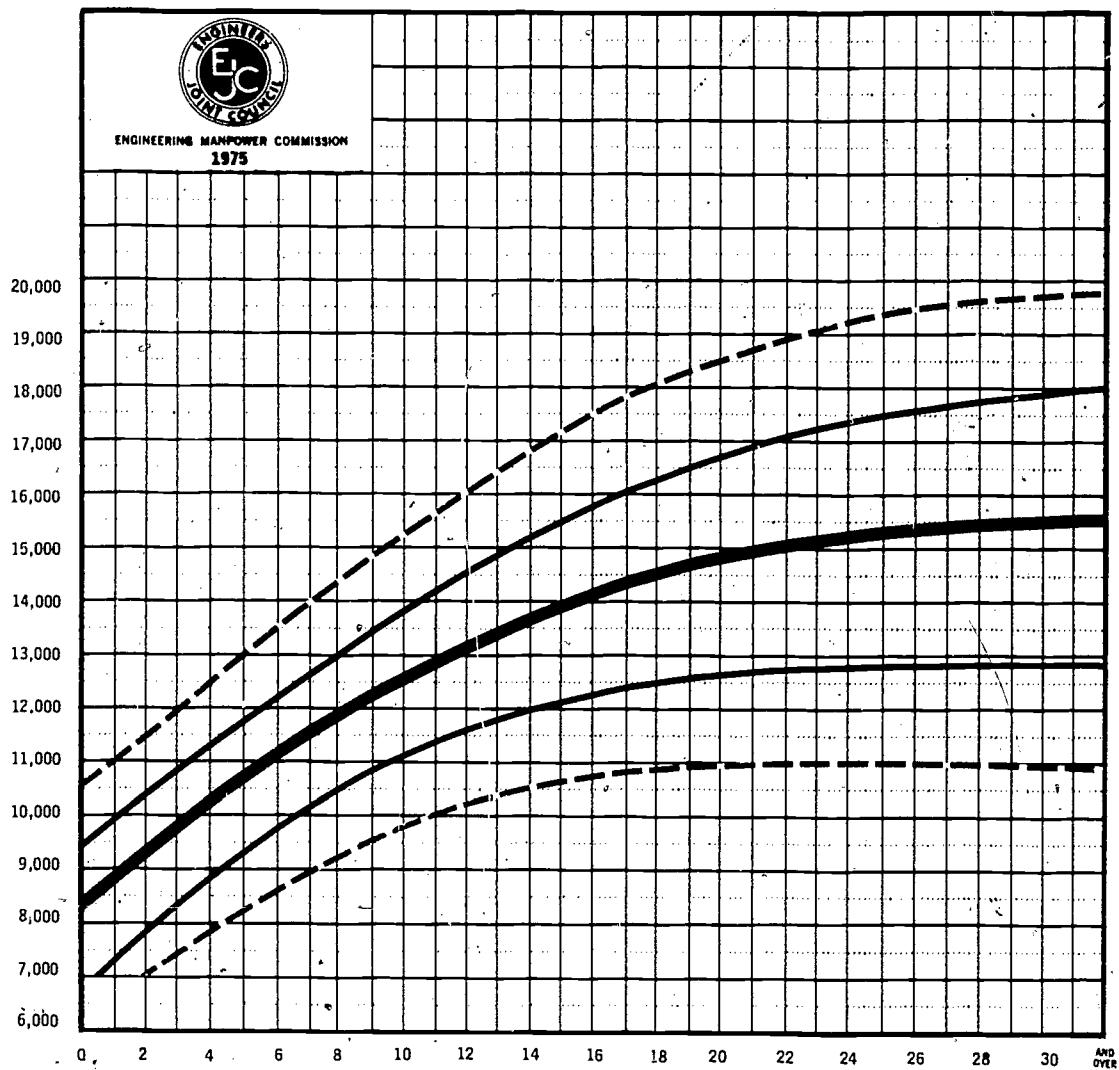
\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

### LEGEND

Upper Decile	----
Upper Quartile	----
Median	---
Lower Quartile	----
Lower Decile	----

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

LOCAL GOVERNMENT  
ALL TECHNICIANS



YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	10,550	11,100	11,550	12,000	12,450	12,900	13,400	13,850	14,300
UPPER QUARTILE	9,500	9,950	10,400	10,850	11,300	11,750	12,200	12,600	13,000
MEDIAN	8,500	9,350	9,750	10,200	10,600	11,050	11,400	11,800	12,200
LOWER QUARTILE	7,500	7,900	8,400	8,850	9,300	9,750	10,150	10,500	10,800
LOWER DECILE	6,500	7,100	7,500	7,850	8,250	8,600	8,900	9,250	9,500

MEAN      8,350      9,450      9,300      9,750      10,200      10,650      11,050      11,450      11,850

TOTAL NUMBER	20	19	19	38	49	74	57	46	63
NUMBERS OVER \$20,000	0	0	0	0	0	0	0	0	1
NUMBERS UNDER \$7,000	0	1	0	1	0	11	0	0	0

LEGEND

Upper Decile	---	Upper Quartile	----	Median	---	Lower Quartile	----	Lower Decile	---
Upper Decile	-----	Upper Quartile	----	Median	---	Lower Quartile	----	Lower Decile	---
Upper Decile	-----	Upper Quartile	----	Median	---	Lower Quartile	----	Lower Decile	---
Upper Decile	-----	Upper Quartile	----	Median	---	Lower Quartile	----	Lower Decile	---
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	15,200	16,450	17,500	18,350	18,950	19,350	19,600	19,700	19,800
UPPER QUARTILE	13,800	14,450	15,750	16,450	17,050	17,450	17,750	18,000	18,150
MEDIAN	12,500	13,400	14,100	14,600	15,000	15,250	15,450	15,550	15,650
LOWER QUARTILE	11,100	11,750	12,250	12,500	12,700	12,800	12,850	12,850	12,850
LOWER DECILE	9,500	10,400	10,750	10,950	11,000	11,000	10,950	10,900	10,800
MEAN	12,550	13,400	14,100	14,550	14,900	15,150	15,300	15,400	15,450
TOTAL NUMBER	154	97	123	116	102	117	111	144	143
NUMBERS OVER \$20,000	0	2	2	5	5	8	9	13	9
NUMBERS UNDER \$7,000	3	0	0	0	0	0	0	0	0

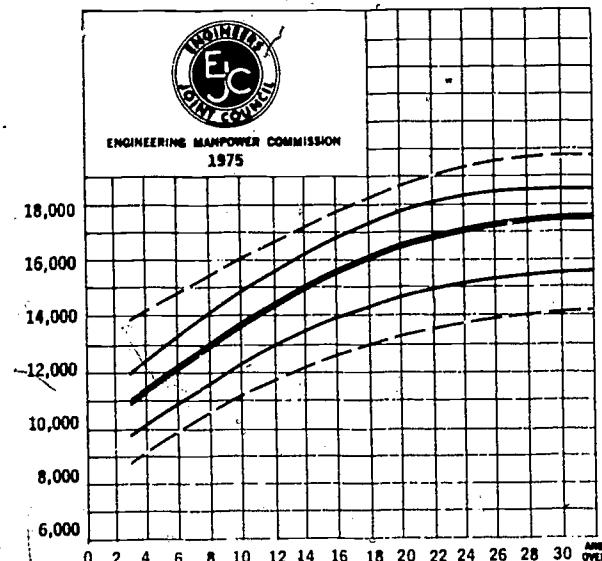
NUMBER OF TECHNICIANS COVERED - 1492

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree, the equivalent age is 22.

# LOCAL GOVERNMENT

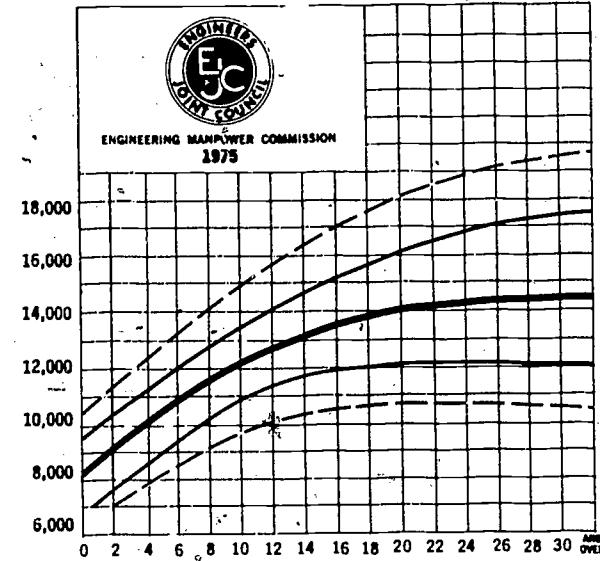
Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

## 2-YEAR GRADUATES



Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

## NON-GRADUATES



## 2-YEAR GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	10550	11000	11450	11900	12300	12750	13200	13650	14050
UPPER QUARTILE	9500	10000	10400	10800	11200	11600	11950	12350	12700
MEDIAN	8150	8650	9150	9650	10100	10500	10900	11300	11650
LOWER QUARTILE	7150	7650	8150	8600	9100	9500	9900	10300	10700
LOWER DECILE	7100	7450	7800	8150	8500	8800	9100	9400	9700
MEAN	8250	8700	9200	9650	10050	10500	10900	11300	11650
TOTAL NUMBER	20	19	15	33	45	67	47	39	56
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	1
NUMBERS UNDER \$7000	9	1	0	1	0	11	0	0	0

NUMBER OF TECHNICIANS COVERED - 303

## NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	14850	16070	16950	17800	18450	19000	19400	19750	20000
UPPER QUARTILE	13400	14350	15200	15900	16450	16850	17200	17450	17650
MEDIAN	12250	13000	13750	13850	14100	14200	14300	14350	14350
LOWER QUARTILE	10900	11550	11900	12050	12100	12100	12050	12050	12000
LOWER DECILE	9650	10200	10550	10750	10750	10700	10650	10550	10450
MEAN	12300	13100	13700	14100	14400	14600	14750	14850	14850
TOTAL NUMBER	129	77	96	86	79	87	79	115	102
NUMBERS OVER \$20000	0	2	2	3	4	6	5	11	9
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 1159

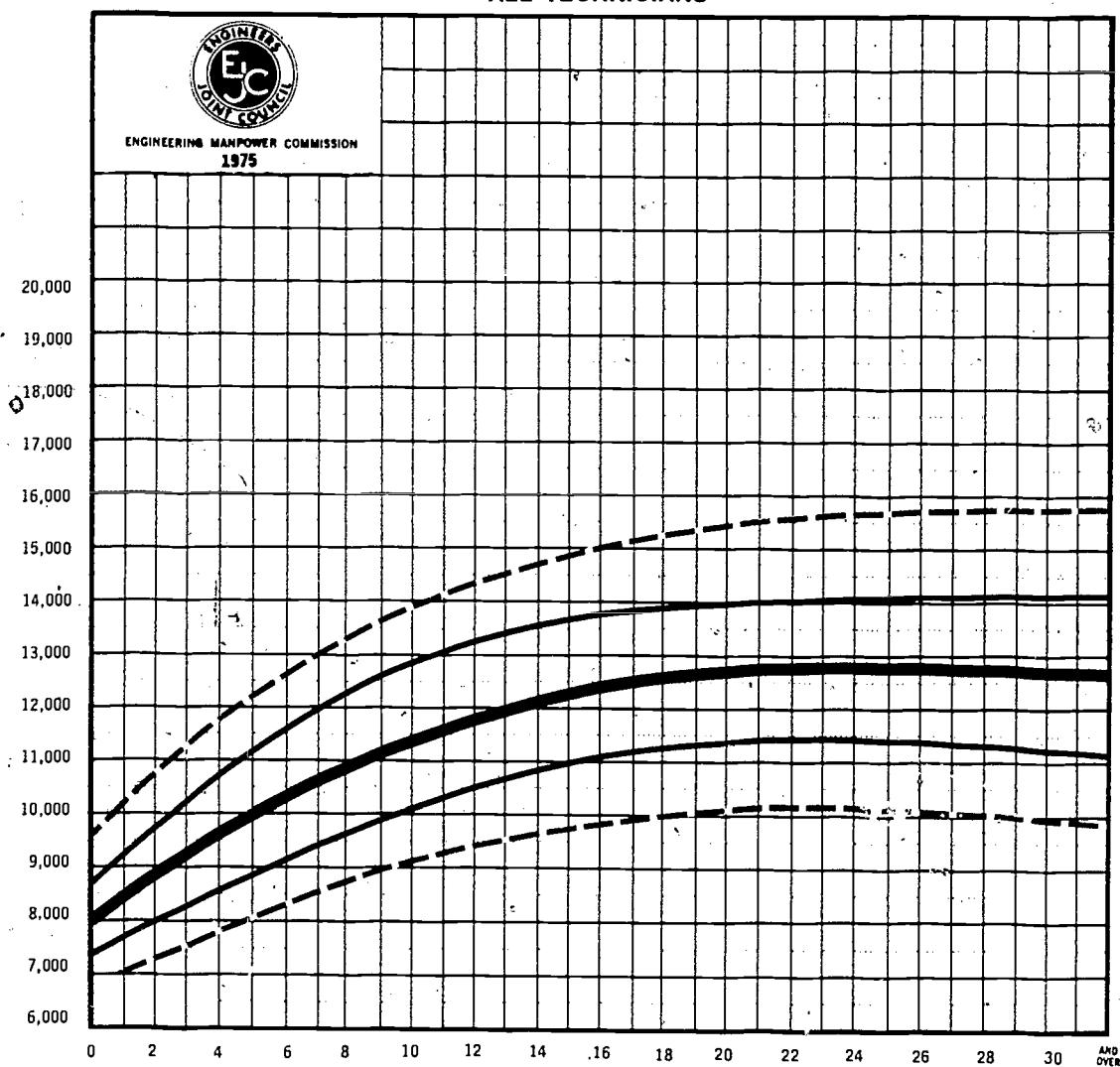
### LEGEND

Upper Decile	---
Upper Quartile	----
Median	=====
Lower Quartile	====
Lower Decile	----

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

EDUCATION  
ALL TECHNICIANS



YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	9600	10150	10700	11250	11700	12150	12600	13000	13350
UPPER QUARTILE	8650	9150	9700	10200	10700	11150	11550	11950	12250
MEDIAN	8000	8400	8800	9150	9550	9900	10200	10550	10850
LOWER QUARTILE	7400	7700	7950	8250	8550	8850	9100	9350	9600
LOWER DECILE	7050	7300	7550	7800	8000	8250	8450	8700	9000
MEAN	8100	8500	8900	9250	9650	10000	10350	10650	10950

LEGEND

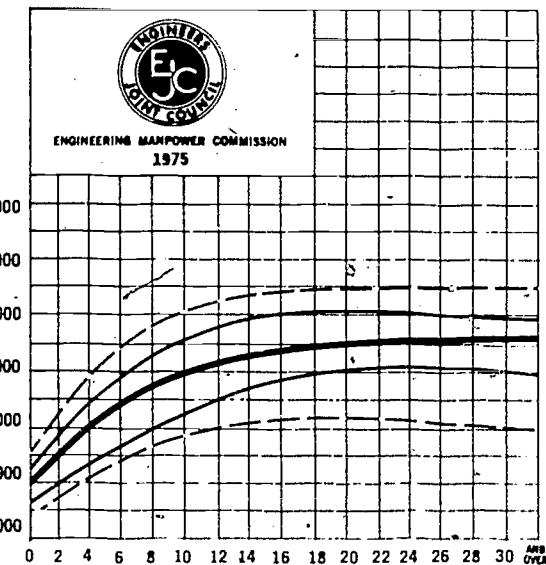
Upper Decile	---	YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
Upper Quartile	----	UPPER DECILE	13950	14600	15050	15350	15550	15650	15700	15750	15750
Median	=====	UPPER QUARTILE	12850	13400	13750	13950	14000	14050	14100	14100	14100
Lower Quartile	=====	MEDIAN	11350	12000	12350	12600	12700	12700	12650	12600	12550
Lower Decile	---	LOWER QUARTILE	10050	10650	11050	11300	11400	11400	11300	11150	10850
		LOWER DECILE	9050	9550	9850	10050	10150	10150	10050	9850	9600
		MEAN	11500	12100	12450	12700	12750	12800	12750	12750	12700
		TOTAL NUMBER	79	91	98	85	106	90	93	174	274
		NUMBERS OVER \$20000	0	0	0	1	1	0	1	2	2
		NUMBERS UNDER \$7000	2	1	0	0	0	0	0	1	3

NUMBER OF TECHNICIANS COVERED - 1295

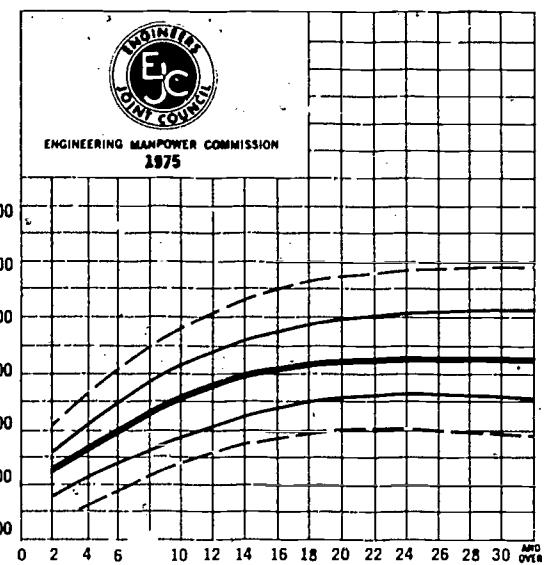
\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

# EDUCATION

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\* 2-YEAR GRADUATES



Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\* NON GRADUATES



## 2-YEAR GRADUATES

	0	1	2	3	4	5	6	7	8
YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	9150	9900	10600	11250	11850	12350	12850	13250	13600
UPPER QUARTILE	8650	9200	9750	10300	10800	11300	11750	12150	12550
MEDIAN	4050	4610	5100	5600	6050	10450	10800	11150	11450
LOWER QUARTILE	7300	7650	8000	8300	8650	9000	9300	9650	9950
LOWER DECILE	7150	7500	7850	8200	8500	8800	9100	9350	9550
MEAN	8100	8550	9000	9450	9900	10300	10650	11050	11350
TOTAL NUMBER	5	5	12	19	17	21	7	20	12
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$ 7000	0	1	0	1	0	0	0	1	1
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	14150	14600	14850	14900	14950	14950	14950	14950	14950
UPPER QUARTILE	13150	13750	14050	14100	14100	14000	13900	13850	13750
MEDIAN	11900	12400	12750	12900	13050	13190	13150	13150	13150
LOWER QUARTILE	10500	11200	11700	12000	12150	12150	12100	11950	11750
LOWER DECILE	9750	10150	10350	10350	10350	10200	10100	10000	9900
MEAN	11900	12450	12600	12950	12950	12950	12900	12850	12800
TOTAL NUMBER	37	35	79	27	31	25	17	36	36
NUMBERS OVER \$20000	0	0	0	0	0	0	1	0	0
NUMBERS UNDER \$ 7000	1	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED = 404

## NON-GRADUATES

	0	1	2	3	4	5	6	7	8
YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	0	0	10200	10700	11250	11700	12150	12600	13000
UPPER QUARTILE	0	0	9200	9650	10100	10550	10950	11350	11700
MEDIAN	0	0	8400	8800	9200	9550	9900	10250	10550
LOWER QUARTILE	0	0	7600	7900	8200	8450	8750	9000	9250
LOWER DECILE	0	0	7200	7500	7750	8050	8300	8650	8950
MEAN	0	0	8350	8750	9150	9550	9950	10300	10650
TOTAL NUMBER	4	3	6	7	9	16	11	10	18
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$ 7000	1	0	1	1	1	1	1	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	13650	14450	15000	15350	15600	15700	15800	15850	15900
UPPER QUARTILE	12300	13000	13500	13850	14050	14150	14250	14300	14300
MEDIAN	11100	11750	12150	12350	12450	12450	12450	12400	12300
LOWER QUARTILE	9700	10300	10750	11050	11200	11200	11200	11150	10800
LOWER DECILE	8600	9350	9750	9950	10050	10050	9950	9800	9650

### LEGEND

Upper Decile	— — — —
Upper Quartile	— — — — —
Median	— — — — — —
Lower Quartile	— — — — — — —
Lower Decile	— — — — — — — —

NUMBER OF TECHNICIANS COVERED = 891

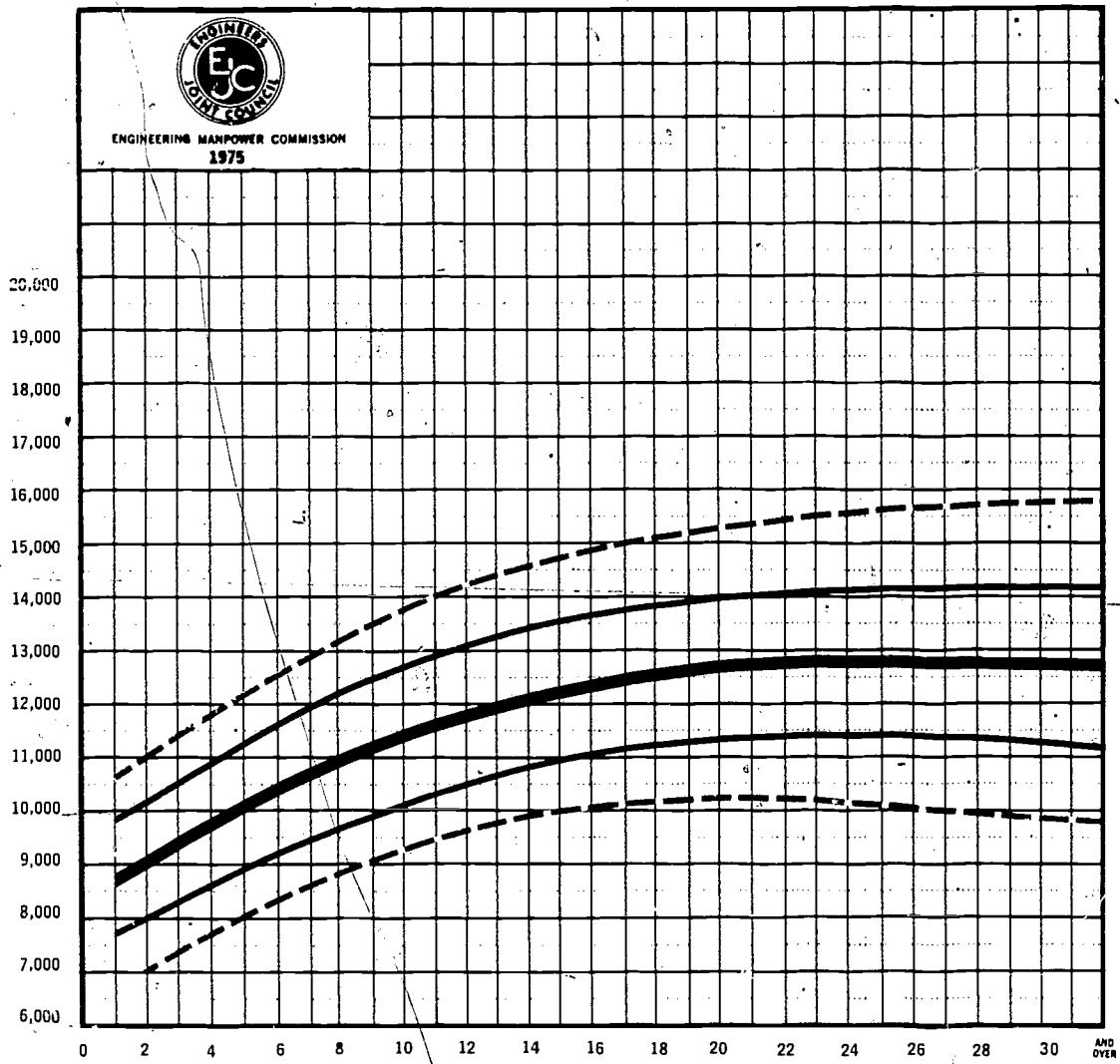
\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

ENGINEERING SCHOOLS  
ALL TECHNICIANS



ENGINEERING MANPOWER COMMISSION  
1975



YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	10550	10950	11400	11800	12150	12500	12850	13150	
UPPER QUARTILE	9850	10250	10600	10950	11300	11600	11900	12200	
MEDIAN	8750	9100	9400	9750	10050	10350	10600	10900	
LOWER QUARTILE	7750	8050	8300	8600	8850	9100	9350	9600	
LOWER DECILE	7000	7300	7650	7950	8250	8550	8800		
MEAN	8700	9050	9400	9750	10050	10350	10650	10950	
TOTAL NUMBER	4	6	8	12	13	25	12	24	22
NUMBERS OVER \$20000	0	0	0	0	0	0	3	0	0
NUMBERS UNDER \$7000	0	1	1	1	1	1	0	0	0

LEGEND

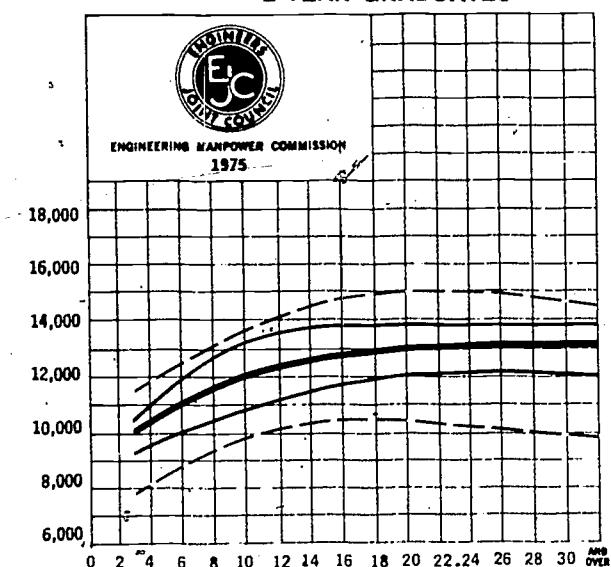
Upper Decile	---	YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
Upper Quartile	----	UPPER DECILE	13700	14400	14850	15200	15450	15600	15700	15800	15850
Median	---	UPPER QUARTILE	12700	13300	13650	13900	14050	14100	14100	14100	14100
Lower Quartile	----	MEDIAN	11400	11950	12350	12600	12750	12750	12700	12650	12500
Lower Decile	---	LOWER QUARTILE	10050	10600	11050	11300	11400	11400	11350	11150	10850
		LOWER DECILE	9250	9750	10050	10150	10150	10050	9950	9800	9600
		MEAN	11450	12050	12450	12700	12800	12850	12800	12750	12650
		TOTAL NUMBER	63	76	85	77	98	80	87	162	249
		NUMBERS OVER \$20000	0	0	0	1	1	0	1	2	2
		NUMBERS UNDER \$7000	1	1	0	0	0	0	0	1	3

NUMBER OF TECHNICIANS COVERED - 1103

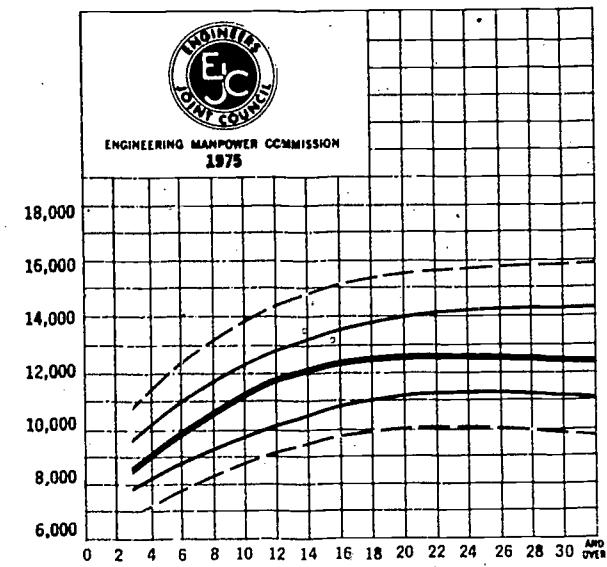
\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

# ENGINEERING SCHOOLS

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\* 2-YEAR GRADUATES



Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\* NON GRADUATES



## 2-YEAR GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	0	0	11500	11850	12150	0	12800	13100	
UPPER QUARTILE	0	0	10400	11000	11550	0	12400	12700	
MEDIAN	0	0	10050	10450	10800	0	11400	11500	
LOWER QUARTILE	0	0	9750	9550	9400	0	10200	10400	
LOWER DECILE	0	0	7700	8100	8450	0	9100	9400	
MEAN	0	0	9850	10200	10550	0	11150	11400	
TOTAL NUMBER	2	4	7	6	12	2	14	5	
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	
NUMBERS UNDER \$7000	0	1	2	0	0	0	0	0	
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	13600	14750	14700	14900	15000	14900	14700	14400	13950
UPPER QUARTILE	13200	13600	13750	13750	13750	13750	13750	13750	13750
MEDIAN	12050	12500	12750	12900	13000	13050	13100	13170	13100
LOWER QUARTILE	10750	11250	11550	11900	12100	12150	12150	12000	11650
LOWER DECILE	9350	10250	10400	10350	10250	10150	10000	9900	9850
MEAN	11900	12400	12750	12900	12950	12900	12800	12700	12600
TOTAL NUMBER	27	26	25	23	28	20	17	32	35
NUMBERS OVER \$20000	0	0	0	0	0	0	1	0	0
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 297

## NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	0	0	0	10800	11350	11850	12300	12700	13100
UPPER QUARTILE	0	0	0	9700	10150	10550	11000	11350	11700
MEDIAN	0	0	0	8550	9000	9450	9850	10250	10600
LOWER QUARTILE	0	0	0	7850	8150	8400	8700	8950	9250
LOWER DECILE	0	0	0	7050	7400	7700	7950	8250	
MEAN	0	0	0	8700	9100	9500	9900	10250	10600
TOTAL NUMBER	2	2	4	5	7	13	10	10	16
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	0	0	1	1	1	1	1	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	13800	14550	15100	15450	15650	15800	15850	15900	15950
UPPER QUARTILE	12300	13050	13550	13850	14100	14200	14300	14350	14350
MEDIAN	11200	11850	12250	12400	12450	12450	12400	12350	12300
LOWER QUARTILE	9700	10350	10800	11100	11250	11250	11200	11050	10800
LOWER DECILE	8750	9400	9800	10050	10100	10050	9950	9800	9600
MEAN	11200	11900	12350	12600	12750	12750	12750	12700	12650

### LEGEND

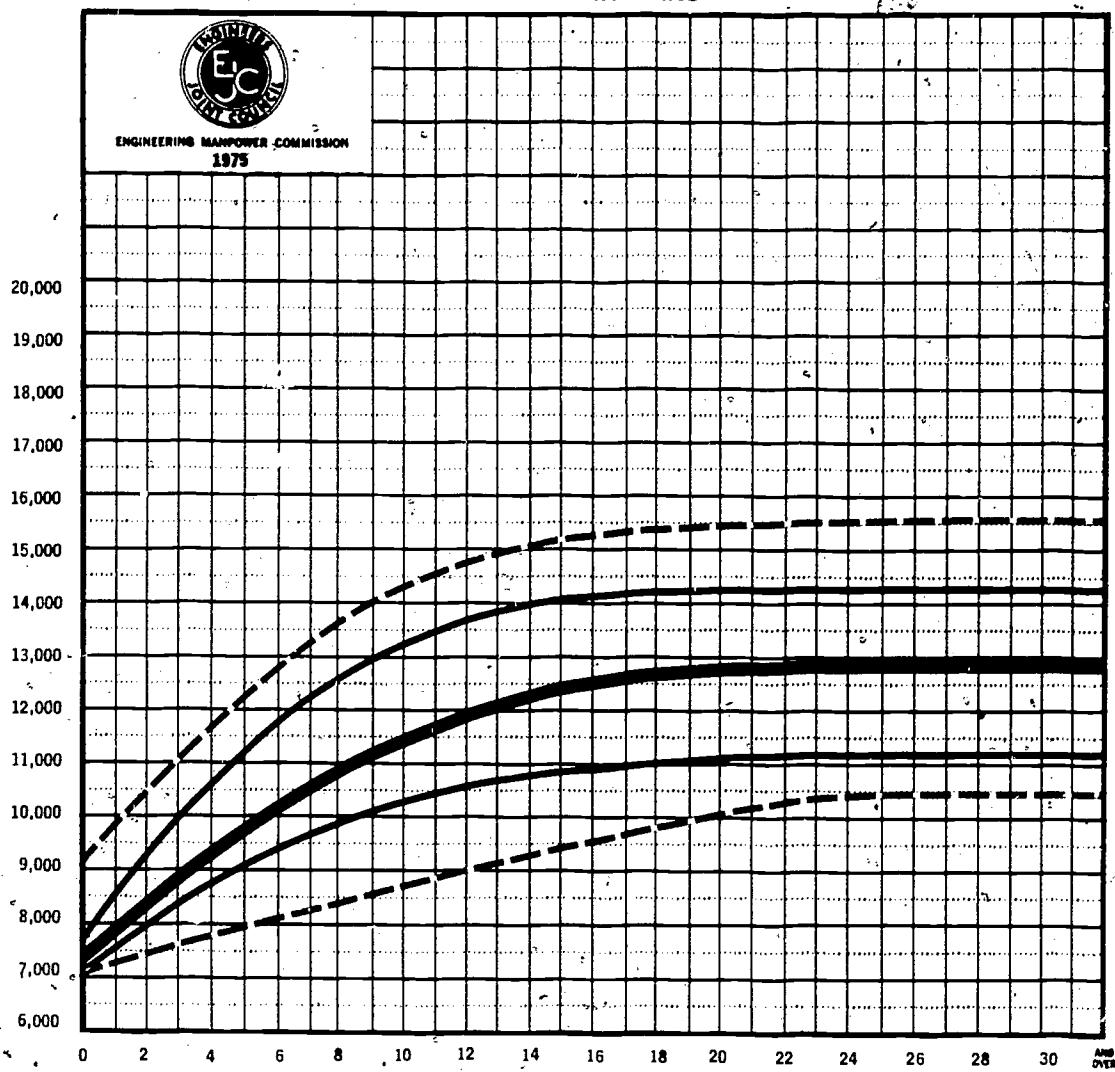
Upper Decile	— — — —
Upper Quartile	— — — — —
Median	— — — — — —
Lower Quartile	— — — — — — —
Lower Decile	— — — — — — — —

NUMBER OF TECHNICIANS COVERED - 810

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

TECHNICIAN SCHOOLS  
ALL TECHNICIANS



YEARS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	AND OVER
UPPER DECILE	9100	9800	10500	11150	11750	12350	12850	13300	13700																							
UPPER QUARTILE	7750	8500	9200	9900	10550	11150	11700	12200	12600																							
MEDIAN	7450	7900	8400	8850	9300	9700	10150	10500	10850																							
LOWER QUARTILE	7100	7500	7950	8350	8700	9050	9350	9600	9850																							
LOWER DECILE	7200	7350	7500	7650	7800	7950	8100	8250	8400																							
MEAN	7650	8200	9700	9200	9650	10050	10450	10750	11050																							

TOTAL NUMBER      5      5      10      14      13      12      6      6      6      8

NUMBERS OVER \$20000      0      0      0      0      0      0      0      0      0      0

NUMBERS UNDER \$7000      1      0      0      1      0      0      0      1      1      1

LEGEND

Upper Decile      - - -  
Upper Quartile      - - -  
Median      - - -  
Lower Quartile      - - -  
Lower Decile      - - -

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	14350	15000	15300	15650	15900	15550	15550	15950	15550
UPPER QUARTILE	13250	13850	14100	14200	14250	14250	14250	14250	14200
MEDIAN	11450	12150	12550	12750	12850	12850	12850	12850	12800
LOWER QUARTILE	10250	10650	10900	11000	11100	11100	11150	11150	11150
LOWER DECILE	8700	9150	9550	9900	10150	10350	10450	10450	10400
MEAN	11550	12050	12400	12550	12700	12750	12750	12800	12800

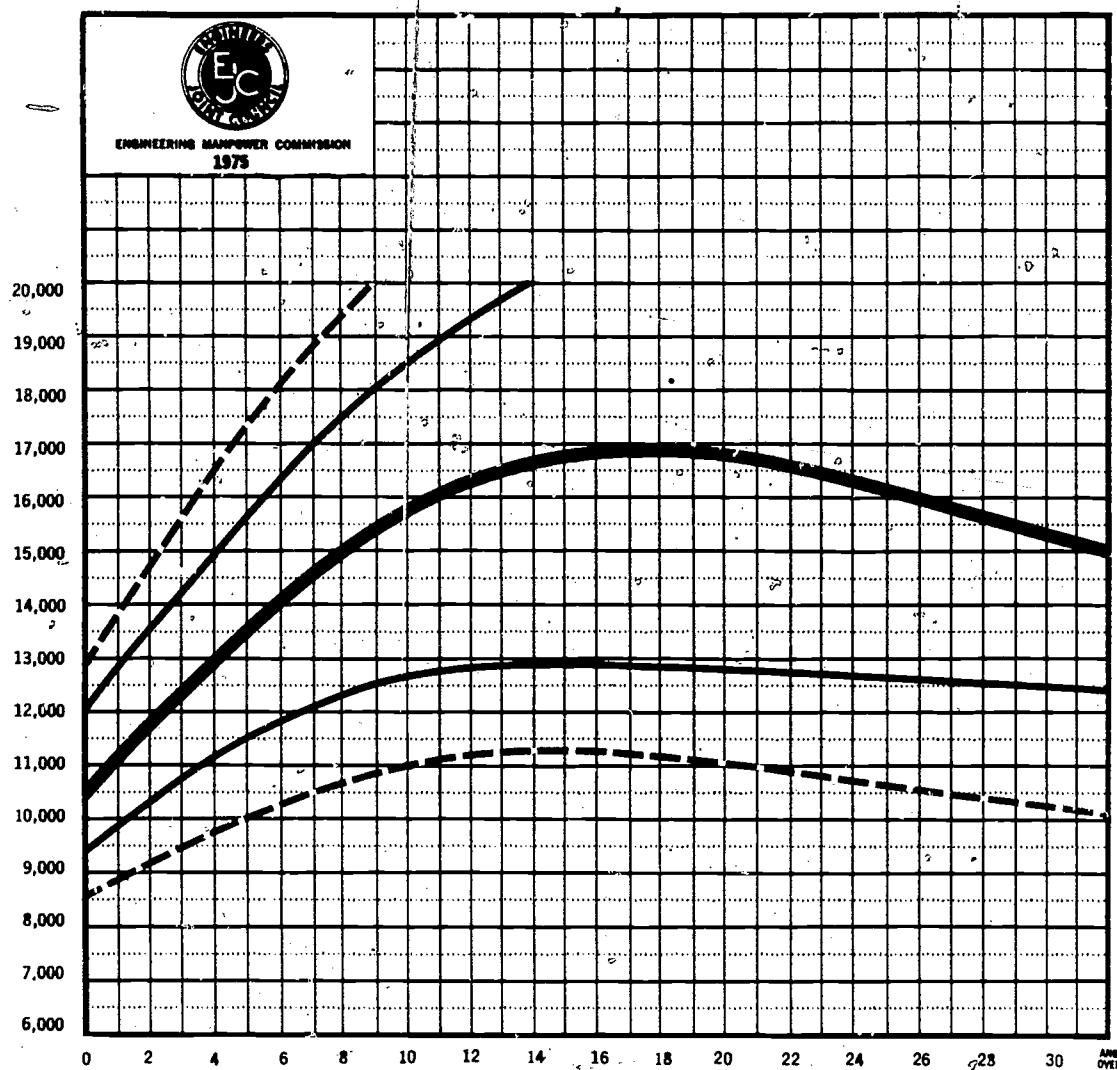
TOTAL NUMBER	15	15	13	8	8	10	6	12	25
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	1	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 192

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates, this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

WEIGHTED NATIONAL AVERAGE  
BACHELOR OF TECHNOLOGY GRADUATES



YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	12950	13900	14850	15750	16600	17400	18200	18850	19400
UPPER QUARTILE	12050	12800	13500	14250	14900	15600	16300	16900	17500
MEDIAN	10500	11100	11700	12300	12450	13450	13950	14500	14950
LOWER QUARTILE	9450	9950	10400	10450	11250	11600	11900	12150	12350
LOWER DECILE	8500	8950	9250	9550	9850	10100	10350	10550	10750
MEAN	10750	11350	11950	12550	13100	13600	14100	14500	14900
TOTAL NUMBER	433	970	939	1556	933	932	769	631	789
NUMBERS OVER \$20000	0	0	0	14	0	7	5	43	16
NUMBERS UNDER \$7000	5	1	4	0	1	1	1	1	1

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	18500	19600	16600	15950	15600	16150	15600	15000	14300
UPPER QUARTILE	15750	16600	16950	15900	15600	16150	15600	15000	14300
MEDIAN	12650	12900	12900	12850	12700	12600	12500	12400	12350
LOWER QUARTILE	11000	11250	11450	11100	10900	10650	10400	10100	9800
LOWER DECILE	10500	10800	11100	10800	10500	10200	10000	9700	9400
MEAN	15550	16200	16450	16400	16250	16000	15750	15500	15250
TOTAL NUMBER	1281	777	649	565	492	390	196	396	399
NUMBERS OVER \$20000	148	105	128	212	181	127	57	109	73
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0

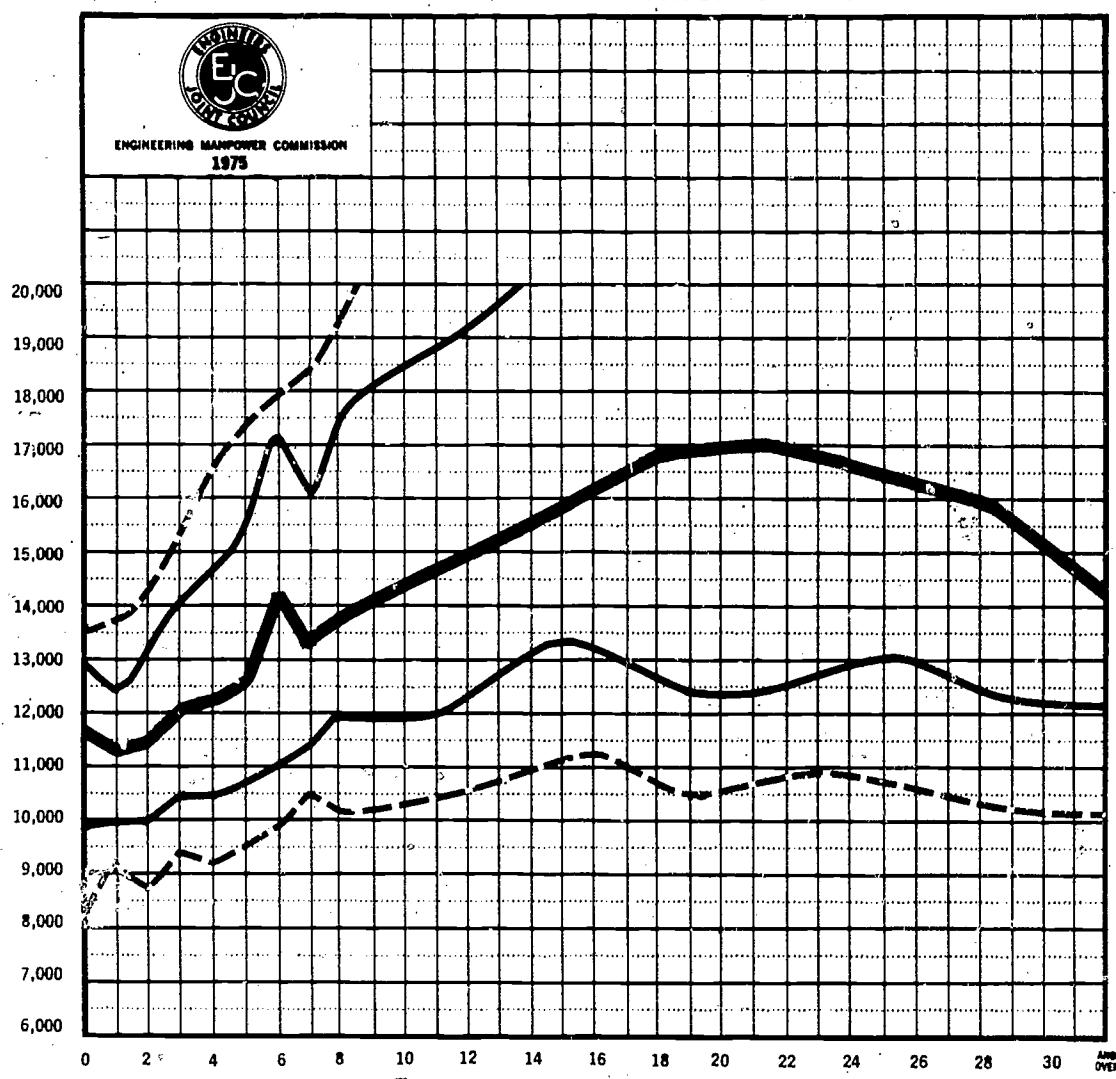
NUMBER OF TECHNICIANS COVERED - 13102

Unweighted total - 2,398

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

ALL RESPONDENTS  
BACHELOR OF TECHNOLOGY GRADUATES



RAW DATA

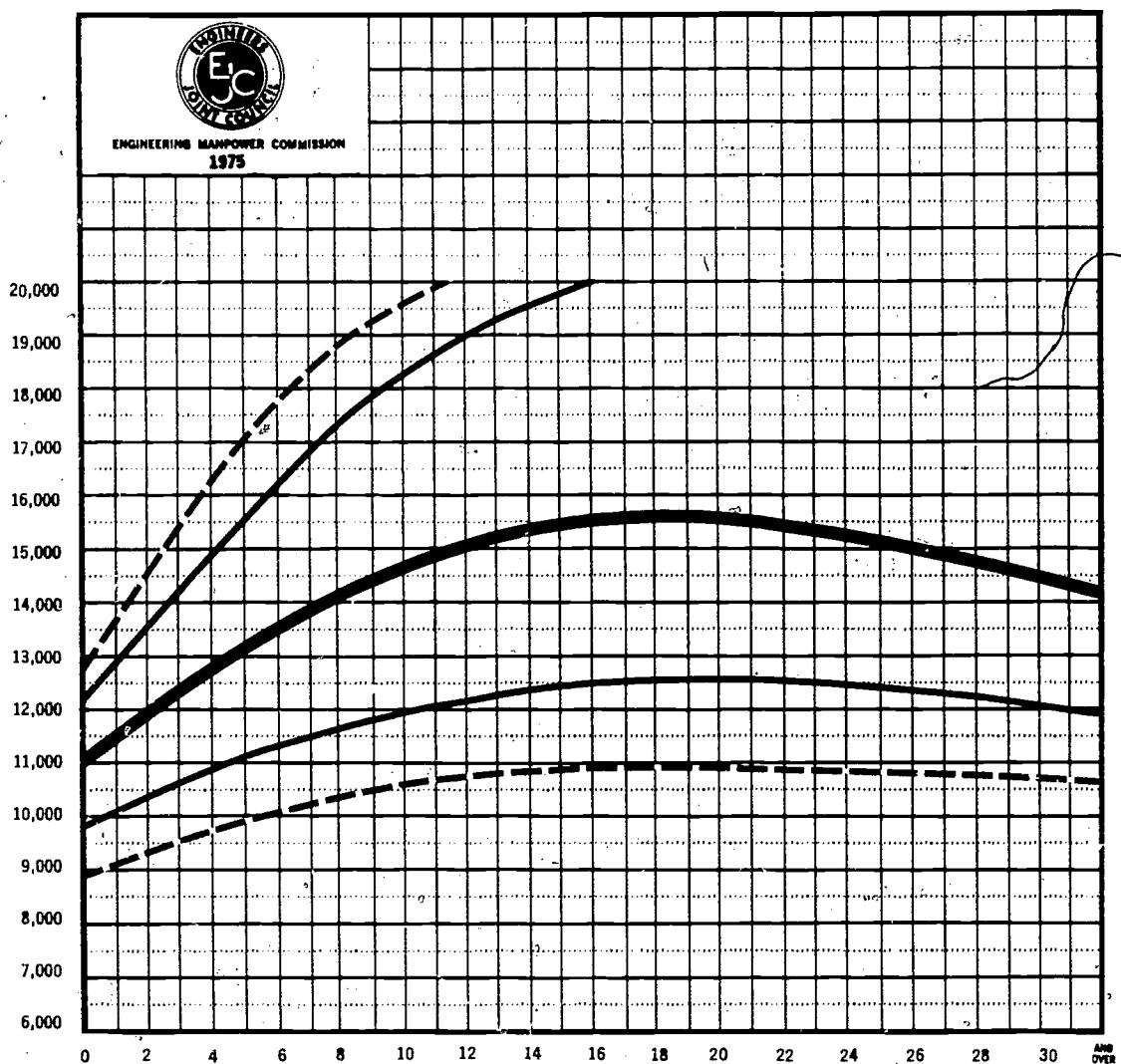
YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	13650	13650	14450	15400	16550	17350	18000	18300	19250
UPPER QUARTILE	12850	12450	13250	14150	14550	15500	17150	16000	17300
MEDIAN	11550	11200	11450	12150	12250	12600	14200	13150	13850
LOWER QUARTILE	9850	10100	9950	10500	10450	10750	11100	11250	11900
LOWER DECILE	8100	9200	8750	9400	9250	9550	9700	10500	10200
MEAN	11150	11450	11600	12300	12600	13000	14000	13600	14400
TOTAL NUMBER	91	193	205	182	171	161	167	101	112
NUMBERS OVER \$20000	0	1	0	1	0	1	4	4	5
NUMBERS UNDER \$7000	5	1	4	0	1	1	1	1	1
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	18450	19700	19700	18000	17000	16350	16000	14300	19150
UPPER QUARTILE	15150	15150	16100	17000	17000	16350	16000	13450	
MEDIAN	14350	14350	15100	16100	17000	17000	17000	14300	
LOWER QUARTILE	11700	12700	13400	12400	12450	13050	12400	12200	11700
LOWER DECILE	10350	10750	11250	10400	10950	10700	11400	10100	10550
MEAN	14950	15800	15200	16350	16250	16250	16100	15200	15050
TOTAL NUMBER	224	144	108	92	124	98	64	82	83
NUMBERS OVER \$20000	32	28	23	39	44	35	21	20	19
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 2398

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent  
Years Since Graduation  
from Technical Institute\*

ALL INDUSTRY  
BACHELOR OF TECHNOLOGY GRADUATES



YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	12,500	13,750	14,700	15,550	16,350	17,100	17,850	18,450	18,950
UPPER QUARTILE	12,100	12,800	13,500	14,150	14,850	15,500	16,100	16,700	17,250
MEDIAN	11,050	11,900	12,300	12,700	13,050	13,400	13,750	14,050	14,500
LOWER QUARTILE	9,500	10,100	11,350	12,600	13,850	14,050	14,250	14,500	14,600
LOWER DECILE	8,500	9,200	9,400	9,600	9,750	9,950	10,100	10,250	10,350
MEAN	11,050	11,900	12,000	12,450	12,900	13,300	13,700	14,050	14,400

TOTAL NUMBER	72	165	165	146	135	122	112	83	94
NUMBERS OVER \$20,000	0	1	0	0	0	1	7	4	3
NUMBERS UNDER \$7,000	0	0	0	0	0	0	0	0	0

LEGEND

Upper Decile	---	Upper Quartile	----	Median	=====	Lower Quartile	====	Lower Decile	---
Upper Decile	---	Upper Quartile	----	Median	=====	Lower Quartile	====	Lower Decile	---
Upper Quartile	----	Upper Quartile	----	Median	=====	Lower Quartile	====	Lower Decile	---
Median	=====	Upper Quartile	----	Median	=====	Lower Quartile	====	Lower Decile	---
Lower Quartile	====	Lower Quartile	====	Median	=====	Lower Quartile	====	Lower Decile	---
Lower Decile	---	Lower Decile	---	Lower Decile	---	Lower Decile	---	Lower Decile	---
MEAN	15,000	15,650	16,000	16,100	16,000	15,750	15,500	15,150	14,700
TOTAL NUMBER	184	107	75	63	77	67	42	55	55
NUMBERS OVER \$20,000	26	16	21	23	22	17	10	12	14
NUMBERS UNDER \$7,000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 1812

\*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

BACHELOR OF TECHNOLOGY GRADUATES  
RAW DATA TABLES

ALL MFG. INDUSTRY BACH

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	13700	13650	13950	15400	15350	14900	16500	18550	18350
UPPER QUARTILE	12700	12750	13000	14700	13000	12650	14400	16600	17150
MEDIAN	12100	11200	11100	11500	11750	11000	11700	12200	13000
LOWER QUARTILE	10300	10150	9750	10200	10700	10500	10700	10900	11400
LOWER DECILE	9200	9000	8950	9350	9400	9650	9650	10150	9900
MEAN	11750	11450	11450	12150	12030	11700	12600	13700	13850
TOTAL NUMBER	33	81	94	86	73	52	50	49	56
NUMBERS OVER \$20000	0	1	0	0	0	0	0	3	1
NUMBERS UNDER \$ 7000	0	0	1	0	0	0	0	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	18650	19500			19000	16400	17650	16250	15750
UPPER QUARTILE	13450	14500	16200	14000	12900	13300	12450	12500	13650
MEDIAN	11500	12000	13400	12900	11750	11600	11750	11550	11250
LOWER QUARTILE	10200	9950	11500	9700	10650	10250	10600	9950	10500
LOWER DECILE									
MEAN	14850	15550	16300	14950	14600	14250	14600	13600	13950
TOTAL NUMBER	121	76	50	44	43	39	32	34	40
NUMBERS OVER \$20000	12	7	14	14	10	5	7	3	5
NUMBERS UNDER \$ 7000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 1062

ALL MECHANICAL PROD BACH

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	17850	14900	15500	16650	15800	16100	19100	19300	18000
UPPER QUARTILE	13600	13200	14550	14500	13250	13400	13900	17550	17600
MEDIAN	12000	12000	12950	12500	11900	11750	12250	16250	16500
LOWER QUARTILE	10750	10900	11400	10750	11650	10900	10550	13200	13200
LOWER DECILE	10000	10350	10250	9500	11500	10650	9750	11350	12300
MEAN	12000	12610	13050	12750	12850	12400	12900	15500	15650
TOTAL NUMBER	10	22	15	20	24	9	9	17	21
NUMBERS OVER \$20000	0	1	0	0	0	0	0	1	0
NUMBERS UNDER \$ 7000	0	0	0	0	0	0	0	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	19950	19700						19500	18500
UPPER QUARTILE	16550	19250	20000					16000	15500
MEDIAN	16500	14450	16000	14600	16750	13750	17750	14250	13250
LOWER QUARTILE	13000	12450	14000	12000	12050	13000	10350	9800	12800
LOWER DECILE									
MEAN	17750	17700	18350	17600	18250	16900	14600	16000	16000
TOTAL NUMBER	50	41	20	20	11	10	7	6	6
NUMBERS OVER \$20000	15	7	11	10	6	3	5	1	1
NUMBERS UNDER \$ 7000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 314

ELEC + FLEX BACH WTD

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	17550	12900	13600	15050	13550	16250	17050	14850	18300
UPPER QUARTILE	12900	12150	13100	14500	12900	13300	15100	11900	12950
MEDIAN	11950	10650	11700	11950	11400	11150	12600	11000	11750
LOWER QUARTILE	10100	9450	10150	10300	10150	10500	10450	10550	10750
LOWER DECILE	9200	8950	9150	9400	9200	9500	10150	9950	9350
MEAN	11550	10900	11600	12350	11500	12000	13050	11600	12450
TOTAL NUMBER	77	72	105	94	56	51	57	26	34
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$ 7000	0	0	0	0	0	0	0	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	18000	16000	16850	14900	14450	14550	14450	17550	13600
UPPER QUARTILE	14550	15000	16850	14900	14450	14550	14450	12750	13150
MEDIAN	11900	12500	15150	12250	12700	12650	12600	12100	11650
LOWER QUARTILE	10900	10750	11050	10450	11650	10850	11650	10850	10900
LOWER DECILE	9850	9500	11350	9300	10700	9950	10450	9700	10200
MEAN	13050	13350	15260	17600	13550	12550	13450	11850	12100
TOTAL NUMBER	79	40	37	27	37	28	29	28	28
NUMBERS OVER \$20000	6	6	6	6	4	0	2	0	0
NUMBERS UNDER \$ 7000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 866 Unweighted total - 638

BACHELOR OF TECHNOLOGY GRADUATES  
RAW DATA TABLES

ALL NONMFG INDUSTRY BACH

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	14000	13100	14450	15350	17150	17800	19200	18600	19550
UPPER QUARTILE	13150	12350	13550	14150	15400	16650	17650	16150	18150
MEDIAN	11800	11550	12200	12700	13500	13900	15500	14800	14500
LOWER QUARTILE	10950	10200	10550	11650	11250	11850	12500	12400	12950
LOWER DECILE	9450	9600	9400	10500	9800	10500	9900	11100	11950
MEAN	11800	11450	12000	12800	13350	14200	15150	14650	15400
TOTAL NUMBER	38	84	74	60	62	70	62	36	38
NUMBERS OVER \$20000	0	0	0	0	0	1	1	1	2
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	18200								
UPPER QUARTILE	16950								
MEDIAN	16550								
LOWER QUARTILE	13000								
LOWER DECILE	12150								
MEAN	15900								
TOTAL NUMBER	62	31	25	19	29	18	10	17	15
NUMBERS OVER \$20000	8	9	7	9	12	7	3	9	9
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED = 750

CONSTR + CONSULT BACH

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	14250	13150	14400	16050	16950	17850	19200	18800	19800
UPPER QUARTILE	13750	12400	13400	14700	15450	16400	17900	15000	18850
MEDIAN	13100	11400	12150	12200	12100	13000	15000	14000	16000
LOWER QUARTILE	10750	9900	10100	10700	10600	11200	10900	11250	12900
LOWER DECILE	8500	9350	9000	9750	9650	9850	9700	10600	12200
MEAN	12050	11350	11750	12600	12800	13700	14350	13850	16050
TOTAL NUMBER	20	47	50	29	31	34	26	12	14
NUMBERS OVER \$20000	0	0	0	0	0	1	1	0	1
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	19250								
UPPER QUARTILE	17150								
MEDIAN	16500								
LOWER QUARTILE	12900								
LOWER DECILE	12550								
MEAN	16300								
TOTAL NUMBER	27	18	19	9	20	10	6	8	13
NUMBERS OVER \$20000	6	5	5	4	7	4	3	6	8
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED = 393

P+D ALL SECTORS BACH

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	13800	13050	13900	15000	13450	16900	15850		18400
UPPER QUARTILE	13150	11050	13300	14450	13150	15250	15150	12900	16500
MEDIAN	12000	10550	12550	13000	12500	13400	13500	12500	15000
LOWER QUARTILE	10250	10200	10650	10700	11500	10950	10750	11750	11400
LOWER DECILE	9600	9950	9450	9650	10100	10550	9700	11300	11150
MEAN	11900	10900	12100	12500	12200	13450	12850	13550	14150
TOTAL NUMBER	14	19	36	42	12	11	14	6	6
NUMBERS OVER \$20000	0	0	0	0	0	0	0	1	0
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	17100	15300	18500	0	0	0	0	0	0
UPPER QUARTILE	14900	14150	16750	0	0	0	0	0	0
MEDIAN	12750	12250	13750	0	0	0	0	0	0
LOWER QUARTILE	11150	10900	13150	0	0	0	0	0	0
LOWER DECILE	8950	9850	12250	0	0	0	0	0	0
MEAN	12900	12350	14850	0	0	0	0	0	0
TOTAL NUMBER	9	7	5	2	3	2	1	1	1
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED = 191

BACHELOR OF TECHNOLOGY GRADUATES  
RAW DATA TABLES

UTILITIES BACH

YEARS	n	1	2	3	4	5	6	7	8
UPPER DECILE	12600	13000	15000	14800	17350	17850	17900	17650	19050
UPPER QUARTILE	12000	12550	13900	14200	15650	17150	17500	15950	16650
MEDIAN	11700	11750	13000	12950	14150	14850	16250	15100	14300
LOWER QUARTILE	11300	11450	11750	12600	13200	13100	14350	14150	13650
LOWER DECILE	10700	9900	11800	12100	11300	11850	12350	11950	12650
MEAN	11650	11800	13000	13300	14300	14900	15750	15750	14900
TOTAL NUMBER	17	31	20	25	26	32	31	17	19
NUMBERS OVER \$20000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	18250	18400	0	0	0	0	0	0	0
UPPER QUARTILE	16950	16750	0	17900	0	0	0	18500	0
MEDIAN	15650	16300	0	17250	20000	0	0	17500	0
LOWER QUARTILE	13650	13750	0	15250	16500	0	0	14400	0
LOWER DECILE	12250	13300	0	12750	17800	0	0	14150	0
MEAN	15350	16650	0	16750	18550	0	0	17100	0
TOTAL NUMBER	25	6	4	5	6	3	4	6	1
NUMBERS OVER \$20000	0	0	0	1	3	0	0	1	0
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 278

ALL GOVT BACH

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	10400	17050	15850	13100	17250	17450	17700	13350	
UPPER QUARTILE	10200	15300	13500	11650	15100	15550	17300	13150	14650
MEDIAN	9500	10750	10250	10500	10650	12250	13250	12500	12650
LOWER QUARTILE	9700	8250	8650	8950	8950	10400	11250	11900	
LOWER DECILE	9150	6800	7450	7600	7850	8813			8550
MEAN	8600	12050	10800	10350	11500	12450	13500	11500	13300
TOTAL NUMBER	12	19	24	18	23	23	31	6	11
NUMBERS OVER \$20000	0	0	0	0	0	0	1	0	2
NUMBERS UNDER \$7000	5	1	4	3	0	1	1	1	1
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	17750							18650	
UPPER QUARTILE	11650	14650	16000					15750	17000
MEDIAN	10650	12200	11250	14250	15250	15150	16350	13450	13000
LOWER QUARTILE	9750	10850	10100	12200	11950	13150	15000	9250	10300
LOWER DECILE									
MEAN	13700	15850	15900	17650	17850	18050	18300	15500	16150
TOTAL NUMBER	29	31	22	24	39	33	20	19	16
NUMBERS OVER \$20000	6	11	7	14	21	21	11	4	5
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 400

EDUCATION BACH

YEARS	n	1	2	3	4	5	6	7	8
UPPER DECILE	11654	10900	13950	16200	16700	17400	19000	16800	19650
UPPER QUARTILE	10650	10700	13400	14750	15600	15000	18000	15750	19150
MEDIAN	8450	10250	11650	12400	14650	12500	15000	15000	15500
LOWER QUARTILE	8200	8800	10650	11900	17550	10650	13000	11500	10400
LOWER DECILE	8100	7950	9100	9950	10150	8300	11000	10600	8350
MEAN	9250	9800	11800	13300	14100	12900	14850	13850	14850
TOTAL NUMBER	7	9	13	18	13	16	20	12	7
NUMBERS OVER \$20000	0	0	0	1	0	0	0	0	0
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	17800	18750	18300		18000	20000	0	16800	
UPPER QUARTILE	17450	14750	12950	16500	11750	14000	0	13000	
MEDIAN	13250	13250	12950	14650	10500	13000	0	20000	12250
LOWER QUARTILE	10950	12250	12600	14650	10500	13000	0	13250	11250
LOWER DECILE	10550	8800	11050	11750	9400	11400	0	12400	9800
MEAN	14250	13500	14750	16000	13150	15550	0	16950	12650
TOTAL NUMBER	11	6	11	5	8	8	2	8	12
NUMBERS OVER \$20000	0	1	0	2	1	2	0	4	0
NUMBERS UNDER \$7000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 186

**APPENDIX**

**MATRIX TABLES**  
**ALL RESPONDENTS**

ALL RESPONDENTS GRAD

TABLE 1

SAL*	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+	TOTAL
20000	1	0	0	0	0	2	0	0	3	13	27	42	27	29	28	25	33	28	0 258
19000	1	0	2	3	0	1	1	1	4	12	21	25	10	23	32	23	24	20	0 208
18000	0	0	0	3	1	1	4	9	1	34	58	62	44	28	24	31	20	20	0 349
17000	1	1	3	2	11	11	14	22	1	92	89	66	66	50	59	34	38	37	0 627
16000	4	0	3	6	7	26	34	41	3	127	107	108	95	51	54	38	43	25	0 821
15000	9	4	6	16	25	41	73	71	74	159	151	140	105	65	79	66	54	59	0 1197
14500	0	1	3	7	19	23	33	32	44	90	71	53	54	45	35	30	47	28	0 610
14000	1	1	11	31	35	39	43	48	45	117	107	79	60	52	60	35	52	56	0 872
13500	7	12	20	39	39	59	59	58	72	142	123	92	86	79	66	68	67	115	0 1192
13000	2	14	21	59	58	57	69	58	66	176	110	88	88	67	64	58	76	77	0 1212
12500	7	19	59	103	57	61	61	66	69	165	121	92	97	85	70	57	89	76	0 1351
12000	3	35	64	70	65	60	72	68	74	192	155	110	87	92	65	88	106	113	0 1527
11500	9	42	64	47	52	62	61	84	82	204	175	123	100	74	67	64	97	115	0 1522
11000	6	40	76	81	66	71	86	92	102	200	134	78	58	65	42	28	51	53	0 1331
10500	4	47	76	90	75	77	61	86	87	172	124	61	62	50	45	27	46	62	0 1252
10000	6	48	91	94	58	60	95	99	68	117	78	34	45	27	29	17	40	47	0 1053
9500	20	101	113	92	96	94	86	64	61	110	49	27	37	27	21	18	33	24	0 1073
9000	57	105	109	84	80	56	56	38	51	70	31	25	20	23	14	19	22	28	0 888
8500	39	127	79	45	44	42	50	33	35	35	29	18	14	16	16	18	26	20	0 687
8000	57	63	55	25	31	41	24	12	13	22	13	17	9	7	8	6	10	8	0 421
7500	27	30	14	24	18	15	13	9	7	13	10	4	4	7	4	4	2	2	0 217
7000	12	8	12	12	6	8	1	8	5	5	2	0	0	3	4	0	2	5	0 93
6500	33	30	34	37	31	35	20	32	17	17	13	4	5	5	3	1	3	13	0 333
TOTAL	505	732	919	969	165	942	1016	1031	1078	2290	1798	1346	1181	970	893	745	981	1031	0 19094

\*SALARY FIGURES IN THIS COLUMN ARE LOWER BOUNDARIES OF BRACKETS.

ALL RESPONDENTS NONGRAD

TABLE 2

SAL*	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+	TOTAL
20000	0	0	0	0	1	0	0	0	1	6	11	37	55	78	75	77	112	168	0 621
19000	0	0	0	0	0	0	0	0	2	7	15	58	72	94	104	139	143	129	0 753
18000	0	0	0	0	0	0	0	1	4	27	112	152	182	156	149	145	204	165	0 1297
17000	0	0	0	2	1	1	4	8	17	20	93	130	169	175	164	169	176	229	0 1588
16000	0	0	1	1	4	4	8	15	24	93	120	151	208	178	213	200	339	592	0 2161
15000	0	0	2	3	9	6	22	36	46	162	242	298	300	279	294	276	380	311	0 2616
14500	0	0	0	3	10	11	4	14	23	121	156	202	216	176	164	151	194	170	0 1627
14000	1	0	2	12	14	28	25	48	43	187	207	198	198	206	140	205	222	0 1836	
13500	1	0	0	6	12	35	49	73	103	251	342	330	323	291	248	225	243	2943	0 2943
13000	0	1	4	11	15	36	29	41	42	252	226	216	235	162	183	132	218	219	0 2062
12500	1	3	10	17	36	40	59	88	101	285	119	324	258	202	183	157	237	233	0 2557
12000	1	4	11	23	45	49	67	87	110	127	340	318	242	227	228	166	136	223	0 2603
11500	3	7	18	43	51	67	84	121	97	318	336	254	208	155	120	112	151	166	0 2311
11000	4	25	44	59	79	82	103	120	127	305	249	186	190	150	110	104	147	197	0 2265
10500	2	23	34	62	75	102	110	137	178	361	369	250	175	135	100	78	110	174	0 2495
10000	6	25	57	70	92	101	125	137	134	219	196	126	105	91	77	60	90	125	0 1840
9500	17	56	48	96	105	115	103	122	168	261	183	133	112	57	64	52	73	135	0 1940
9000	39	52	110	96	111	123	134	112	173	121	82	64	50	40	32	38	73	0 1571	
8500	21	42	56	69	94	104	96	90	79	137	87	57	63	32	26	25	32	74	0 1184
8000	93	64	72	84	91	90	85	80	51	121	66	42	25	11	23	16	34	49	0 1067
7500	60	55	79	71	67	60	57	51	32	60	40	36	17	9	18	8	16	24	0 762
7000	76	46	77	56	44	44	34	18	26	23	21	12	7	14	14	7	11	21	0 554
6500	274	151	122	132	102	72	54	56	48	73	43	39	22	24	17	13	32	73	0 1342
TOTAL	563	587	785	914	1062	1156	1243	1490	1637	3451	3889	3638	3437	2924	2763	2465	3481	4190	0 40045

\*SALARY FIGURES IN THIS COLUMN ARE LOWER BOUNDARIES OF BRACKETS.

ALL RESPONDENTS BACH

TABLE 4

SAL*	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+	TOTAL
20000	0	1	0	1	0	1	3	4	5	32	28	39	44	35	21	20	19	0 281	
19000	0	1	1	0	1	3	7	4	8	27	2	1	5	5	1	3	2	0 79	
18000	0	1	0	1	2	2	6	3	8	28	6	12	2	5	3	2	3	0 89	
17000	0	2	3	2	11	16	29	7	10	18	1	2	4	8	2	4	3	0 125	
16000	0	0	2	7	7	11	7	7	5	9	4	11	3	3	6	4	3	0 93	
15000	0	5	8	12	17	14	14	11	10	11	7	12	6	6	3	5	4	0 150	
14500	1	1	6	15	5	6	11	8	3	4	4	3	3	1	6	0	2	0 80	
14000	6	6	7	11	6	3	7	2	5	6	6	9	6	1	5	2	2	0 103	
13500	6	6	15	9	12	8	5	0	0	6	6	7	1	2	4	4	2	0 133	
13000	10	12	20	10	10	8	4	6	5	6	7	4	1	2	4	4	6	0 149	
12500	6	14	18	11	9	10	3	5	6	5	10	6	2	5	5	7	4	0 130	
12000	6	21	9	18	10	3	5	6	5	10	5	2	5	5	8	1	4	0 175	
11500	14	21	12	12	17	15	11	8	9	20	5	1	4	1	4	6	4	0 124	
11000	4	13	11	12	10	12	8	10	7	11	4	4	1	4	1	3	2	0 162	
10500	7	21	20	16	10	19	12	10	1	13	7	4	4	4	3	2	1	0 131	
10000	9	26	20	12	15	6	6	4	3	10	1	2							

## LIST OF PARTICIPANTS

### AEROSPACE

R ARO, Inc.  
 Avco Corporation, Wyoming Div.  
 Boeing Vertol Co.  
 Fairchild Industries, Space & Electronics Co.  
 Grumman Aerospace Company  
 Hayes International Corporation  
 R Hercules Inc.  
 Teledyne CAE

### CHEMICALS

Allied Chemical Corporation  
 Ansul Company  
 Atlantic Richfield Hanford Company  
 Bacon Industries, Inc.  
 R Clorox Company, Technical Ctr.  
 Dart Industries  
 E. I. du Pont de Nemours & Company  
 E B Industries Inc.  
 Engelhard Minerals & Chemicals Co.  
 FMC Corporation  
 R B. F. Goodrich  
 Goodyear Atomic Corporation  
 J. M. Huber Corporation  
 Johnson & Johnson  
 Mississippi Chemical Corporation  
 R Monsanto Research Corp.  
 Rohm & Haas Company  
 Story Chemical Corp.  
 Uniroyal Chemical  
 Stauffer Chemical Company  
 R U.S. Borax & Chemical Corporation

### ELECTRICAL EQUIPMENT

Acme Electric Corporation  
 AMF, Electrical Products Development Div.  
 Automatic Switch Co.  
 Bodine Electric Co.  
 Boston Insulated Wire & Cable Co.  
 R ESB Inc.  
 FMC Corp., Power Control Div.  
 General Electric Co.  
 Heinemann Electric Co.  
 Ionics Inc.  
 P. R. Mallory & Co., Inc.  
 McGraw-Edison, Power Systems Div.  
 Milwaukee Electric Tool Co.  
 Ranco, Controls Div.  
 Sunbeam Appliance Co.  
 Western Electric Company  
 WABCO, Union Switch & Signal Div.

### ELECTRONIC EQUIPMENT

American District Telegraph Co.  
 American Electronic Laboratories Inc.  
 American Sign & Indicator Corp.  
 Astrodata Inc.  
 Automatic Signal Co.  
 R Bell Telephone Laboratories  
 A Bendix Corporation, Bendix Avionics Div.  
 Bendix Corporation, Communications Div.  
 A Bendix Corporation, Instrument & Life Support Div.  
 R Bendix Corporation, Research Labs.  
 A Bourns, CAI Div.  
 Cardion Electronics

Cognos Corp.  
 Collins Radio Group  
 R Commercial Data Systems  
 Communications Industries  
 Dale Electronics Inc.  
 Decision Data CPR Co.  
 Eagle Signal Co.  
 Fischer & Porter Co.  
 John Fluke Mfg. Company  
 Frequency Engineering Laboratories  
 Frequency Sources, Inc.  
 General Dynamics, Electronics Div.  
 R GTE Laboratories, Inc.  
 Harris Corporation, Electronic Systems Div.  
 Heath Co.  
 Infrared Industries  
 Instrumentation Laboratory, Inc.  
 R IRT Corporation  
 A Ithaco Inc.  
 E. F. Johnson Co.  
 Keithley Instruments Inc.  
 Key Tronic Corp.  
 A King Radio Corp.  
 Motorola Inc.  
 R North American Philips Corp., Philips Laboratories  
 R North Electric Co., Paul H. Henson Research Ctr.  
 Nuclear Data Inc.  
 PRD Electronics Inc.  
 RCA Corporation, Government & Commercial Systems  
 Revere Corporation of America  
 R F Communication Div.  
 R F Systems Inc.  
 Rockland Systems  
 Sciaky Bros. Inc.  
 R Scope Electronics Inc.  
 R Singer Company, Corporate R&D Labs  
 Sybron Corporation, Taylor Instrument PCD.  
 Texas Instruments Inc.  
 Threshold Technology Inc.  
 Victory Engineering Corp.  
 Warwick Electronics Inc.  
 A Westinghouse Electric Corp., D&E Ctr.  
 Wilcox Electric, Inc.

### METALS, BASIC & MINING

R ASARCO, Incorporated  
 Cleveland-Cliffs Iron Company  
 R Colt Industries, Crucible Materials Research Ctr.  
 Foote Mineral Company  
 Hecla Mining Co.  
 Homestake Mining Co.  
 International Nickel Company, Inc.  
 National Lead Co. of Ohio  
 R N L Industries, Inc. Corporate R&D Dept.  
 St. Joe Mineral Corp.  
 Wheeling-Pittsburgh Steel Corporation  
 White Pine Copper Co.

### MACHINERY

Artisan Industries Inc.  
 Barber-Colman Company  
 Borg-Warner Corp., York Div.  
 Buffalo Forge Co  
 Colt Industries, Power Systems Div.  
 Cryogenic Technology Inc.  
 Deere & Company

Deister Concentrator Co., Inc.

Delavan Mfg. Co.

R Dymo Industries Inc.

Houdaille, Viking Div.

Hyster Company

Ingersoll-Rand

Intertherm Inc.

Joy Manufacturing Company

Moog Inc.

Pako Corporation

Trane Company

Vendo Company

Weber Marking Systems, Inc.

#### METALS, FABRICATED

Acco, Chain Div.

Airtherm Mfg.

R American Can Company, R&D Ctr.

Amron Corp.

Anaconda Company, Wire/Cable Div.

R Babcock & Wilcox Company, Alliance Research Ctr.

R Babcock & Wilcox Company, Lynchburg Research Ctr.

Babcock & Wilcox Company, Power Generation Group

Brush Wellman, Inc.

Butler Manufacturing Company

Caldwell Mfg. Co.

CB/Southern

Colt Industries, Holley Carburetor Div.

Combustion Engineering, Inc.

DEC International, Dairy Equipment Co.

Dravo Corporation, (Metal Fabrication)

Electric Furnace Co.

FMC Corporation, Northern Ordnance Div.

Kelsey Hayes Co., French & Hecht Div.

Fruehauf Corp., Paceco

General Dynamics Co., Electric Boat Div.

W. L. Gore & Assoc., Inc.

Walter Kidde & Co., Belleville Div.

Lakeside Bridge & Steel Co.

Maryland Shipbuilding & Drydock Co.

Maytag Company

Midland-Ross Corporation, National Castings Div.

Modine Mfg. Co.

Norris Industries

Nutting Truck & Caster Co.

Pacific Scientific Company

Peterson Mfg. Co.

Phelps Dodge Magnet Wire Company, (2 Divs.)

Pittsburg Canfield Co.

Power Regulator Co.

Rapistan Incorporated

Reed Rolled Thread Die Co.

Rexnord, Inc.

Riley-Beaird, Inc.

Stewart-Warner Corp.

Welch Allyn, Inc.

Westinghouse Electric Corporation

Worcester Controls Corporation

Youngstown Sheet & Tube Co.

#### PAPER

Consolidated Papers, Inc.

Container Corporation of America

Conwed Corporation

Georgia-Pacific Corp., Woodland Div.

Gulf States Paper Corporation

Mead Corp., Chillicothe Div.

R Mead Corp., Dayton Div.

Nekoosa Edwards Paper Co., Inc.

Temple-Eastex Inc., Eastex Div.

R Weyerhaeuser Company

#### PETROLEUM

Amerada Hess Corporation

Cities Service Oil Company, Lake Charles Oper.

Cities Service Co.

Continental Oil Co., Wrenshall Refinery

Equity Oil Co.

R Institute of Gas Technology

Mobil Oil Corporation, Beaumont Refinery

Skelly Oil Company

R Standard Oil Co. (Indiana), Amoco Research Ctr.

Standard Oil of Ohio

Sun Oil Co.

Cuperior Oil Co.

Terra Resources, Inc.

Tesoro Petroleum Corp.

R UOP, Inc., Corporate Research

Witco Chemical Corporation, Kendall/Amalie Div.

#### MANUFACTURING, OTHER

Standard Brands, Clinton Corn Products

Corning Glass Works

Hiram Walker & Sons, Inc.

Kurz-Kasch Inc.

Lenox China, Inc.

Nabisco Inc.

Olga Company

Pellerin Milnor Corp.

Rogers Corp.

R J. P. Stevens & Co., Inc.

#### COMMUNICATIONS

R Comsat General Corporation

General Telephone Company

General Telephone Company of the Midwest

Indiana Bell Telephone Company

Lincoln Telephone Company

#### CONSTRUCTION

M. K. Eby Construction Company

Al Johnson Construction Co.

W. M. Lyles Co.

L. E. Myers Co., High Voltage Systems

Pendleton Construction Corp.

Prestressed Concrete Products Co., Inc.

#### CONSTRUCTION & DESIGN

Dravo Corporation, (Construction & Design)

Koppers Company, Inc.

Lummus Corp.

Arthur G. McKee & Company

Rust Engineering Company

Scientific Design Company

#### CONSULTANTS

Allen & Hoshall, Inc.

Austin, Tsutsumi & Associates, Inc.

Barge, Waggoner, Sumner & Cannon

Benedict, Bowman, Craig & Moos

Alfred Benesch & Co.

Black & Veatch

Buchart-Horn

Burgess & Niple, Limited

Burns & McDonnell Engineering Co.

Camp Dresser & McKee Inc.

Capitol Engineering Corporation

Caudill Rowlett Scott

CH2M Hill, Inc.

Conkey & Associates, Inc.

Homer L. Chastain & Associates

Clark Dietz & Associates

Computran Systems

LeRoy Crandall & Associates  
 Crandall Dry Dock Engineering  
 Crawford Murphy & Tilly Inc.  
 Daily & Associates, Engineers Inc.  
 Dames & Moore  
 E. D'Appolonia Consulting Engineers, Inc.  
 Day & Zimmermann, Inc.  
 Edwards & Kelcey, Inc., (2 Divs.)  
 Engineering Consultants  
 Ewing Engineering Co.  
 Eustis Engineering Co.  
 Fairbrother & Gunther, Inc.  
 Fenix & Scisson, Inc.  
 Friede & Goldman, Inc.  
 Fromherz Engineers, Inc.  
 Gannett Fleming Corddry & Carpenter  
 Gilbert Associates  
 Goodkind & O'Dea, Inc.  
 Greeley & Hansen  
 Greiner Engineering Sciences Inc.  
 Gwin Engineers Inc.  
 Hardesty & Hanover  
 Harza Engineering Co.  
 Havens & Emerson, Ltd.  
 Hayes Seay Mattern & Mattern  
 Hazelet & Erdal  
 Horner & Shifrin, Inc.  
 Howard Needles Tammen & Bergendoff, (All Divs.)  
 Hudson Engineering Corp.  
 Jenks & Adamson  
 Edward C. Jordan Co., Inc.  
 McClelland Engineers, Inc.  
 Henry, Meisenheimer & Gende, Inc.  
 Metcalf & Eddy, Inc.  
 Meuser, Rutledge, Wentworth & Johnston  
 Murphy Engineering  
 O'Brien & Gere Engineers Inc.  
 Oyster, Imus & Assoc. Inc.  
 Palmer Clark & Woerner Inc.  
 Perkins & Will Inc.  
 Post, Buckly, Schuh & Jernigan Inc.  
 E. S. Preston Associates, Inc.  
 John G. Reutter Assoc.  
 Richardson, Gordon & Associates  
 Ross, Saarinen, Bolton & Wilder, Inc.  
 Ruth & Going - Norton S. Curtis, Inc.  
 Severud-Perrone-Sturm-Bandel  
 Shaffer, Johnston, Lichtenwalter & Assoc., Inc.  
 Shannon & Wilson Inc.  
 Stanley Consultants, Inc.  
 Sverdrup & Parcel & Associates, Inc.  
 Synergo Company  
 Trygve Hoff & Associates  
 Ulteig Engineers Inc.  
 URS Forrest & Cotton  
 Van Zelm, Heywood & Shadford  
 C. R. Velzy Assoc. Inc.  
 Wallace Holland Kastler Schmitz & Co.  
 Warren & Van Praag, Inc.  
 H. V. Weeks, Inc.  
 C. E. Williams & Associates, Inc.

#### ENGINEERING SERVICES, OTHER

Dayton T. Brown, Inc.  
 Conserv Inc.  
 P Core Laboratories, Inc.  
 P Dresser Engineering Co.  
 R Factory Mutual Engineering  
 R GARD, Inc.  
 R Quest Research Corporation

Portland Cement Assoc.  
 Russell Film Laboratories, Inc.  
 P Schlumberger Well Services  
 Telcom, Inc.  
 Teledyne Materials Research  
 Transaction Technology, Inc.

**RESEARCH & DEVELOPMENT**  
 Battelle-Northwest  
 Calspan Corporation  
 ENSCO, Inc.  
 Georgia Institute of Technology (Engrg. Exper. Sta.)  
 Midwest Research Institute  
 Mitre Corporation  
 RE/SPEC Inc.  
 Sandia Laboratories (2 Divs.)  
 Southwest Research Institute  
 University of Dayton Research Institute

#### ELECTRIC UTILITIES

Alabama Power Company  
 American Electric Power Service Corp.  
 Anoka Electric Cooperative  
 Appalachian Power Company  
 Carolina Power & Light Co.  
 Central Lincoln People's Utility Dist.  
 Central Maine Power Company  
 Central Nebraska Public Power & Irrigation Dist.  
 Commonwealth Edison Company  
 Clay Electric Coop, Inc.  
 Cowlitz Public Utility Dist.  
 Dairyland Power Cooperative  
 Dayton Power & Light Company  
 Delmarva Power Co.  
 Detroit Edison Company  
 Duke Power Company  
 Duquesne Light Company  
 Electric Power Board of Chattanooga  
 Florida Power Corporation  
 Green Mountain Power Corp.  
 Idaho Power Company  
 Indiana Michigan Electric Co.  
 Iowa Electric Light & Power Company  
 Jackson County Rural Electric  
 Jersey Central Power & Light Company  
 Kansas City Power & Light Company  
 Maine Public Service Company  
 New Mexico Electric Service Company  
 Northeast Utilities Service Company  
 Northwest Electric  
 Pacific Power & Light Company  
 Pennsylvania Power & Light Company  
 Public Service Co. of New Hampshire  
 Public Service Co. of New Mexico  
 Savannah Electric & Power Co.  
 Southern Services, Inc.  
 Southwestern Electric Power Co.  
 Southwestern Public Service Company  
 Tampa Electric Company  
 Texas Electric Service Company  
 Washington Water Power Company  
 West Penn Power Company  
 Wisconsin Electric Power Company

#### ELECTRIC & GAS UTILITIES

Arkansas Power & Light Co.  
 Central Hudson Gas & Electric Corporation  
 Cincinnati Gas & Electric  
 Illinois Power Company  
 Iowa-Illinois Gas & Electric Company

Iowa Southern Utilities Co.  
Kansas Gas & Electric Co.  
Long Island Lighting Company  
Louisville Gas & Electric Company  
Montana Power Company  
Public Service Company of Colorado  
Public Service Electric & Gas Company  
Rochester Gas & Electric Co.  
Sierra Pacific Power Company  
South Carolina Electric & Gas Company  
Virginia Electric & Power Company

#### GAS UTILITIES & PIPELINES

P Bay State Gas Company  
P Consolidated Gas Supply  
P El Paso Natural Gas Company  
P Panhandle Eastern Pipe Line Co.  
P Portland Pipe Line Corporation  
P Southern Union Gas Company  
P Texas Gas Transmission Corp.  
P Texas Eastern Transmission Co.  
P United Gas Pipe Line Company

#### OTHER NON-MANUFACTURING

Chicago Rock Island & Pacific Railroad Co.  
Missouri Pacific Railroads & Subsidiaries  
Norfolk & Western Railway Company  
United Airlines

#### FEDERAL GOVERNMENT

R Argonne National Laboratory  
Bonneville Power Administration  
Federal Highway Administration  
R Fermi National Accelerator Laboratory  
Hill Air Force Base  
Tennessee Valley Authority  
US Army Aviation Systems Command  
R USDA, Western Regional Research Ctr.  
US Dept. of Army, Civilian Personnel Div.  
US Dept. of the Interior, Bureau of Mines  
US Public Health Service, Indian Health Service

#### STATE GOVERNMENT

State of Alabama, Highway Dept.  
State of Arkansas, Highway Dept.  
State of California, Off. of Arch. & Construct.  
State of Louisiana, Dept. of Highways  
State of Maine, Transportation Dept.  
State of Massachusetts, Public Works Dept.  
State of Mississippi, Dept. of Highways  
State of Missouri, Dept. of Highways  
State of Montana, Dept. of Highways  
State of New Mexico, Highway Dept.  
State of New York, Dept. of Transportation  
State of South Carolina Highway Dept.  
State of Utah, Dept. of Transportation  
State of Virginia, Dept. of Highways & Transport.  
State of Wisconsin, Dept. of Transportation  
State of Wyoming, Highway Dept.

#### LOCAL GOVERNMENT

Atlantic City Sewerage Co.  
City of Akron  
City of Akron, Public Utilities Bureau  
City of Albuquerque, Public Works Dept.  
City of Chesapeake, Dept. of Public Works  
City of Cincinnati, Dept. of Public Works  
City of Cincinnati, Div. of Air Pollution Control  
City of Dallas  
City of Dayton  
City of Dayton, Dept. of Water

City of Flint  
City of Fort Worth  
City of Grand Rapids  
City of Houston  
City of Kansas City, Missouri  
City of Milwaukee  
City of Norfolk, Dept. of Utilities  
City of Oklahoma City  
City of Philadelphia  
City of Portland, Water Works Bureau  
City of Providence, Dept. of Public Works  
City of Providence, Traffic Engrg. Dept.  
City of St. Paul, Public Works Dept.

City of St. Paul, Water Utility  
City of San Francisco, Water Dept.  
City of Seattle, Water Dept.  
City of Syracuse  
City of Virginia Beach  
Connecticut Water Co.  
County of Milwaukee, Public Works Dept.  
County of San Diego, Public Works Agency  
Dallas Water Utilities  
Denver Board of Water Commissioners  
East Baton Rouge Parish, Dept of Public Works  
Grant County Public Utility Dist.  
Lakeland, Dept. of Elec. & Water Utilities  
Los Angeles County, Communications Dept.  
Los Angeles County, Flood Control Dist.  
Los Angeles County, Road Dept.  
Metropolitan District, Connecticut  
Milwaukee Water Works  
North Jersey Dist., Water Supply Comm.  
Port of Long Beach  
San Diego Unified Port Dist.  
Springfield Utility Board  
Union County Park Commission

#### ENGINEERING COLLEGES - PHD

Air Force Institute of Technology  
Arizona State University  
Auburn University  
Brigham Young University  
Brown University  
Clarkson College of Technology  
Drexel University  
Duke University  
Georgia Institute of Technology  
Institute of Paper Chemistry  
Iowa State University  
Louisiana State University  
Marquette University  
Massachusetts Institute of Technology  
Michigan State University  
Mississippi State University  
Montana State University  
New Mexico State University  
Northwestern University  
Ohio State University  
Ohio University  
Oklahoma State University  
Oregon State University  
Rensselaer Polytechnic Institute  
Rutgers University  
South Dakota School of Mines & Technology  
South Dakota State University  
SUNY Stony Brook  
SUNY College of Ceramics at Alfred  
Syracuse University  
Texas Technological University  
University of Alabama - Birmingham  
University of Alabama - University

University of Arizona  
University of Connecticut  
University of Hawaii  
University of Houston  
University of Iowa  
University of Kansas  
University of Maryland  
University of Michigan - Dearborn  
University of Mississippi  
University of Nevada - Reno  
University of New Mexico  
University of Notre Dame  
University of Oklahoma  
University of Rhode Island  
University of Rochester  
University of South Carolina  
University of Texas - Arlington  
University of Toledo  
University of Vermont  
University of Washington  
University of Wisconsin - Madison  
Utah State University  
Virginia Polytechnic Institute  
Washington State University  
Wayne State University  
West Virginia University  
Wichita State University

ENGINEERING COLLEGE - NON-PHD

Boston University  
Bradley University  
Bucknell University  
California State Polytechnic University  
California State University - Los Angeles  
California State University - Northridge  
California State University - Sacramento  
The Citadel  
Cleveland State University  
Florida Atlantic University  
Florida Institute of Technology  
Florida Technological University  
Gannon College  
Harvey Mudd College  
Lafayette College  
LeTourneau College  
Lowell Technological Institute  
Loyola Marymount University  
McNeese State University  
North Dakota State University  
Northern Arizona State University  
Norwich University  
Oakland University  
Parks College of St. Louis University  
Portland State University  
Pratt Institute  
Rochester Institute of Technology  
Seattle University  
Southeastern Massachusetts University  
Southern Illinois University - Carbondale  
Southern Illinois University - Edwardsville  
SUNY Maritime College  
Swarthmore College  
Trinity University  
U.S. Coast Guard Academy  
U.S. Naval Academy  
University of Bridgeport  
University of New Haven  
University of North Carolina - Chapel Hill  
University of the Pacific  
University of Tennessee - Chattanooga  
University of Texas - El Paso

University of Virginia - Charlottesville  
University of Wisconsin - Milwaukee  
Virginia Military Institute  
Webb Institute of Naval Architecture  
West Coast University  
Western New England College  
Youngstown State University

TECHNICAL SCHOOLS

Academy of Aeronautics  
Arizona State University  
Broome Community College  
California Maritime Academy  
Capitol Institute of Technology  
Chattanooga State Technical & Community College  
Colorado Technical College  
DeVry Institute of Technology - Chicago  
Florence-Darlington Technical College  
Florissant Valley Community College  
Hartford State Technical College  
Hudson Valley Community College  
Guilford Technical Institute  
Kansas State College  
Kansas Technical Institute  
Lamar University  
Michigan Technological University  
Missouri Western State College  
Mohawk Valley Community College  
Murray State University  
Nashville State Technical Institute  
Northern Michigan University  
Parkland College  
Purdue University  
Queensborough Community College  
Ricks College  
Southern Technical Institute  
Southwest Minnesota State College  
Spring Garden College  
State Technical Institute at Memphis  
SUNY A&T - Alfred  
SUNY A&T - Canton  
Technical Institute of Alamance  
Temple University  
University of Akron  
University of Nebraska - Omaha  
University of Nevada - Reno  
University of Tennessee - Martin  
Vermont Technical College  
Washington Technical Institute  
Wayne State University  
Wentworth Institute  
Western Kentucky University  
Western Washington State College

# ENGINEERS JOINT COUNCIL

345 EAST 47TH STREET, NEW YORK, N.Y. 10017  
(212) 752-6800

ENGINEERING MANPOWER COMMISSION

July, 1975

To Corporate Salary Administrators:

As an employer of technical personnel you are undoubtedly interested in obtaining nation-wide salary statistics. We therefore invite you to participate in our 1975 survey of the salaries of engineering technicians and technologists. This is a continuation of our biennial survey program started in 1969 and we want to make it as comprehensive and useful as possible.

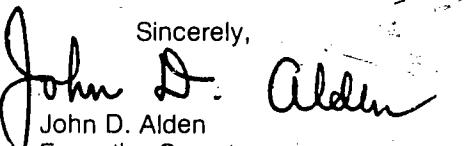
We recognize that the job of an engineering technician varies from industry to industry, and our definition is therefore a general one. As a benchmark we use graduation from a two-year college-level curriculum (usually resulting in an associate degree or certificate) in some branch of engineering or industrial technology including engineering drafting. The attached questionnaire form is designed to facilitate reporting on this basis. Graduates of formal two-year technician education programs, who are working as technicians and have not been promoted to engineering or managerial positions, are to be reported in the first section of the form.

Technicians performing work that would normally require this education, but who do not have the formal academic qualifications, are to be reported in the second section.

The third section is for graduates of bachelor's degree programs in *engineering technology* or *industrial technology*. These programs are rather new and may not be familiar to some employers. Bachelor of technology graduates may be employed in a variety of capacities under different job titles, and we are interested in their salaries wherever they are employed. Please note that graduates of regular engineering programs are *not* intended to be included in this survey.

Participants in the survey will be sent a complimentary copy of the curves for their own industry group. We hope you will join our other survey participants in helping to make this survey a success.

Sincerely,

  
John D. Alden  
Executive Secretary  
Engineering Manpower Commission

## HOW WE KEEP YOUR SALARY DATA CONFIDENTIAL

Outsiders can NOT gain access to your confidential salary data when you participate in the Engineering Manpower Commission surveys of engineers salaries. Why can't this happen with the EMC surveys? Because EMC is an independent "third party" with no vested interest in any particular employer's salary data. Our parent organization, Engineers Joint Council, is a non-profit federation of engineering societies, whose members are professionals. Since EJC cannot become involved in collective bargaining between a company and a union, neither side can claim a right to information in our hands.

We think this is important, because outside parties may legally obtain data you thought was confidential if you exchange salary data with other employers by mail or phone. If one of the participating companies is bargaining with a union, all of the survey information—including that identified with each company—may have to be furnished to the union.

**But we want to be absolutely sure.** Even though no respondent's confidence has ever been violated since our surveys were started in 1953, we are now eliminating all employer identification from the salary data forms. Once we have checked off receipt of a reply on our surveys list (necessary to avoid follow-up of employers who have already replied as well as to identify participants in each survey) no one will be able to tell what data came from what respondent. It's something we don't need in order to produce salary curves and we think participants will be glad of the assurance that no one else will be able to find it out from us.

(Please also complete other side)

# SALARIES OF ENGINEERING TECHNICIANS - 1975

A survey being conducted by the  
**ENGINEERING MANPOWER COMMISSION**  
of Engineers Joint Council

Please complete and  
return this form to:

ENGINEERING MANPOWER COMMISSION  
345 East 47th Street  
New York, N.Y. 10017

as promptly as  
possible

**IN ORDER TO ASSURE COMPLETE CONFIDENTIALITY** of employers' returns; please observe the following new procedure:

**DO NOT** put your name and address on this part of the form, but fill in the information for questions 1-5 to enable correct classification of your reply.

**FILL OUT THE TEAR-OFF STRIP** on the right; giving the name of the reporting organization and the person to contact. **DO NOT DETACH** the strip, but return the entire completed form to EMC.

If we do not receive a name and address strip with your return, we will have to send you an unnecessary follow-up mailing. Unidentified returns will not be included in the survey results. For further information see the sheet entitled "EMC Policy Regarding Salary Survey Participants."

1. Product or service of organization (see back page for preferred categories): \_\_\_\_\_
2. Total number of employees in organization or unit covered by this report (approx): \_\_\_\_\_
3. Total number of engineering technicians employed in organization or unit: \_\_\_\_\_
4. Please indicate state in which these technicians are predominantly employed, for purposes of determining regional salary differences: \_\_\_\_\_
5. If any employed engineering technicians are NOT included in this report, please give such additional number and reason for omission: \_\_\_\_\_

Number: \_\_\_\_\_ Reason: \_\_\_\_\_

## ENGINEERS JOINT COUNCIL

### MEMBER SOCIETIES

AMERICAN ASSOCIATION OF COST ENGINEERS  
AMERICAN INSTITUTE OF CHEMICAL ENGINEERS  
AMERICAN INSTITUTE OF INDUSTRIAL ENGINEERS  
AMERICAN INSTITUTE OF MINING, METALLURGICAL  
AND PETROLEUM ENGINEERS  
AMERICAN INSTITUTE OF PLANT ENGINEERS  
AMERICAN SOCIETY OF AGRICULTURAL ENGINEERS  
AMERICAN SOCIETY OF CIVIL ENGINEERS  
AMERICAN SOCIETY FOR ENGINEERING EDUCATION  
AMERICAN SOCIETY OF MECHANICAL ENGINEERS  
AMERICAN SOCIETY FOR METALS  
AMERICAN SOCIETY FOR QUALITY CONTROL  
INSTRUMENT SOCIETY OF AMERICA  
NATIONAL INSTITUTE OF CERAMIC ENGINEERS  
SOCIETY FOR EXPERIMENTAL STRESS ANALYSIS  
SOCIETY OF FIRE PROTECTION ENGINEERS  
SOCIETY OF MANUFACTURING ENGINEERS

### ASSOCIATE SOCIETIES

AIR POLLUTION CONTROL ASSOCIATION  
AMERICAN CONCRETE INSTITUTE  
AMERICAN CONSULTING ENGINEERS COUNCIL  
AMERICAN SOCIETY OF GAS ENGINEERS  
AMERICAN SOCIETY FOR NON-DESTRUCTIVE TESTING  
CLEVELAND ENGINEERING SOCIETY  
DANVILLE ENGINEERS CLUB  
ENGINEERING SOCIETIES OF NEW ENGLAND  
HARTFORD ENGINEERS CLUB  
INTERNATIONAL MATERIAL MANAGEMENT SOCIETY  
INTERNATIONAL MATERIALS MANAGEMENT SOCIETY  
(NEW JERSEY CHAPTER)  
LOS ANGELES COUNCIL OF ENGINEERS AND SCIENTISTS  
LOUISIANA ENGINEERING SOCIETY  
NATIONAL ASSOCIATION OF CORROSION ENGINEERS  
SOCIETY OF ALLIED WEIGHT ENGINEERS  
SOCIETY OF AMERICAN MILITARY ENGINEERS  
SOCIETY FOR THE HISTORY OF TECHNOLOGY  
SOCIETY OF PACKAGING AND HANDLING ENGINEERS  
SOCIETY OF WOMEN ENGINEERS  
STANDARDS ENGINEERING SOCIETY  
WASHINGTON SOCIETY OF ENGINEERS  
WESTERN SOCIETY OF ENGINEERS

ENGINEERS JOINT COUNCIL  
345 East 47th St., New York, N.Y. 10017

# SALARIES OF ENGINEERING TECHNICIANS - 1975

**IMPORTANT** — Please read carefully before filling out form.

This form gives the distribution of employed engineering technicians as a function of salary bracket, years of experience as measured by age or years since graduation and formal education received. Separate sections of the form are set aside for three different levels of education. Each individual is to be reported only in the section corresponding to the highest educational level achieved, in the column corresponding to his year of graduation. (See example on reverse.) If year of graduation cannot be ascertained, report by age. Be sure to indicate which method you used.

**SALARY** — should include base salary before deductions, and any predictable supplementary payments such as cost of living differential, etc. Do not include unpredictable payments for overtime work, bonuses, etc.

**ENGINEERING TECHNICIANS** — Technicians as defined for this survey perform work which requires the application of scientific and engineering principles and practical technology, and may include some functions customarily performed by engineers or scientists. Their responsibilities do not fit the definition of "professional" of the Fair Labor Standards Act but do require at least two years of full-time technical education beyond high school or the equivalent in industrial training and experience. They may or may not work under the direction of engineers or scientists.

ANNUAL SALARY	ASSOCIATE DEGREE GRADUATES <sup>1</sup> Indicate whether by year of degree _____ or age _____																	
	1975 (20)	1974 (21)	1973 (22)	1972 (23)	1971 (24)	1970 (25)	1969 (26)	1968 (27)	1967 (28)	1964- 1966 (29-31)	1961- 1963 (32-34)	1958- 1960 (35-37)	1955- 1957 (38-40)	1952- 1954 (41-43)	1949- 1951 (44-46)	1946- 1948 (47-49)	1941- 1945 (50-54)	up to 1940 (55+)
101 \$20 000 & over																		101
102 \$19 000-19 999																		102
103 \$18 000-18 999																		103
104 \$17 000-17 999																		104
105 \$16 000-16 999																		105
106 \$15 000-15 999																		106
107 \$14 500-14 999																		107
108 \$14 000-14 499																		108
109 \$13 500-13 999																		109
110 \$13 000-13 499																		110
111 \$12 500-12 999																		111
112 \$12 000-12 499																		112
113 \$11 500-11 999																		113
114 \$11 000-11 499																		114
115 \$10 500-10 999																		115
116 \$10 000-10 499																		116
117 \$9 500-9 999																		117
118 \$9 000-8 499																		118
119 \$8 500-8 999																		119
120 \$8 000-8 499																		120
121 \$7 500-7 999																		121
122 \$7 000-7 499																		122
123 Less than \$7 000																		123

ANNUAL SALARY	NON-GRADUATES <sup>2</sup> BY AGE																	
	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29-31)	(32-34)	(35-37)	(38-40)	(41-43)	(44-46)	(47-49)	(50-54)	(55+)
201 \$20 000 & over																		201
202 \$19 000-19 999																		202
203 \$18 000-18 999																		203
204 \$17 000-17 999																		204
205 \$16 000-16 999																		205
206 \$15 000-15 999																		206
207 \$14 500-14 999																		207
208 \$14 000-14 499																		208
209 \$13 500-13 999																		209
210 \$13 000-13 499																		210
211 \$12 500-12 999																		211
212 \$12 000-12 499																		212
213 \$11 500-11 999																		213
214 \$11 000-11 499																		214
215 \$10 500-10 999																		215
216 \$10 000-10 499																		216
217 \$9 500-9 999																		217
218 \$9 000-8 499																		218
219 \$8 500-8 999																		219
220 \$8 000-8 499																		220
221 \$7 500-7 999																		221
222 \$7 000-7 499																		222
223 Less than \$7 000																		223

ANNUAL SALARY	BACHELORS OF TECHNOLOGY DEGREE GRADUATES <sup>3</sup> Indicate whether by year of degree _____ or age _____																	
	1975 (22)	1974 (23)	1973 (24)	1972 (25)	1971 (26)	1970 (27)	1969 (28)	1968 (29)	1967 (30)	1964- 1966 (31-33)	1961- 1963 (34-36)	1958- 1960 (37-39)	1955- 1957 (40-42)	1952- 1954 (43-45)	1949- 1951 (46-48)	1946- 1948 (49-51)	1941- 1945 (52-56)	up to 1940 (57+)
301 \$20 000 & over																		301
302 \$19 000-19 999																		302
303 \$18 000-18 999																		303
304 \$17 000-17 999																		304
305 \$16 000-16 999																		305
306 \$15 000-15 999																		306
307 \$14 500-14 999																		307
308 \$14 000-14 499																		308
309 \$13 500-13 999																		309
310 \$13 000-13 499																		310
311 \$12 500-12 999																		311
312 \$12 000-12 499																		312
313 \$11 500-11 999																		313
314 \$11 000-11 499																		314
315 \$10 500-10 999																		315
316 \$10 000-10 499																		316
317 \$9 500-9 999																		317
318 \$9 000-8 499																		318
319 \$8 500-8 999																		319
320 \$8 000-8 499																		320
321 \$7 500-7 999																		321
322 \$7 000-7 499																		322
323 Less than \$7 000																		323

1. Technical institute education usually embraces a two-year post high school program leading to an associate degree or certificate in some branch of engineering technology. Include graduates of technical programs in community colleges or other institutions.

2. Non-graduate engineering technicians are those who are qualified by training and experience to perform work that would normally require a two-year technical institute education, but do not have a formal degree.

3. Four-year programs leading to a bachelor's degree in engineering technology or industrial technology, but not an engineering degree.

## SURVEY CATEGORIES USUALLY REPORTED BY EMC

### Manufacturing

Aerospace  
Chemicals, drugs  
Electrical machinery & equipment  
Electronic equipment  
Instruments (precision)  
Machinery (other than electrical) and mechanical equipment  
Metal products, fabricated  
Metals, basic  
Petroleum  
Other manufactured products (specify)

### Non-Manufacturing

Communication services  
Construction  
Engineering & architectural consultants  
Engineering services, other  
Mining  
Research organizations & laboratories  
Transportation services  
Electric utilities  
Gas utilities  
Other non-manufacturing (specify)

### Government

Federal  
State  
Local

### Educational Institutions

Colleges and universities

Technical institutes & junior colleges

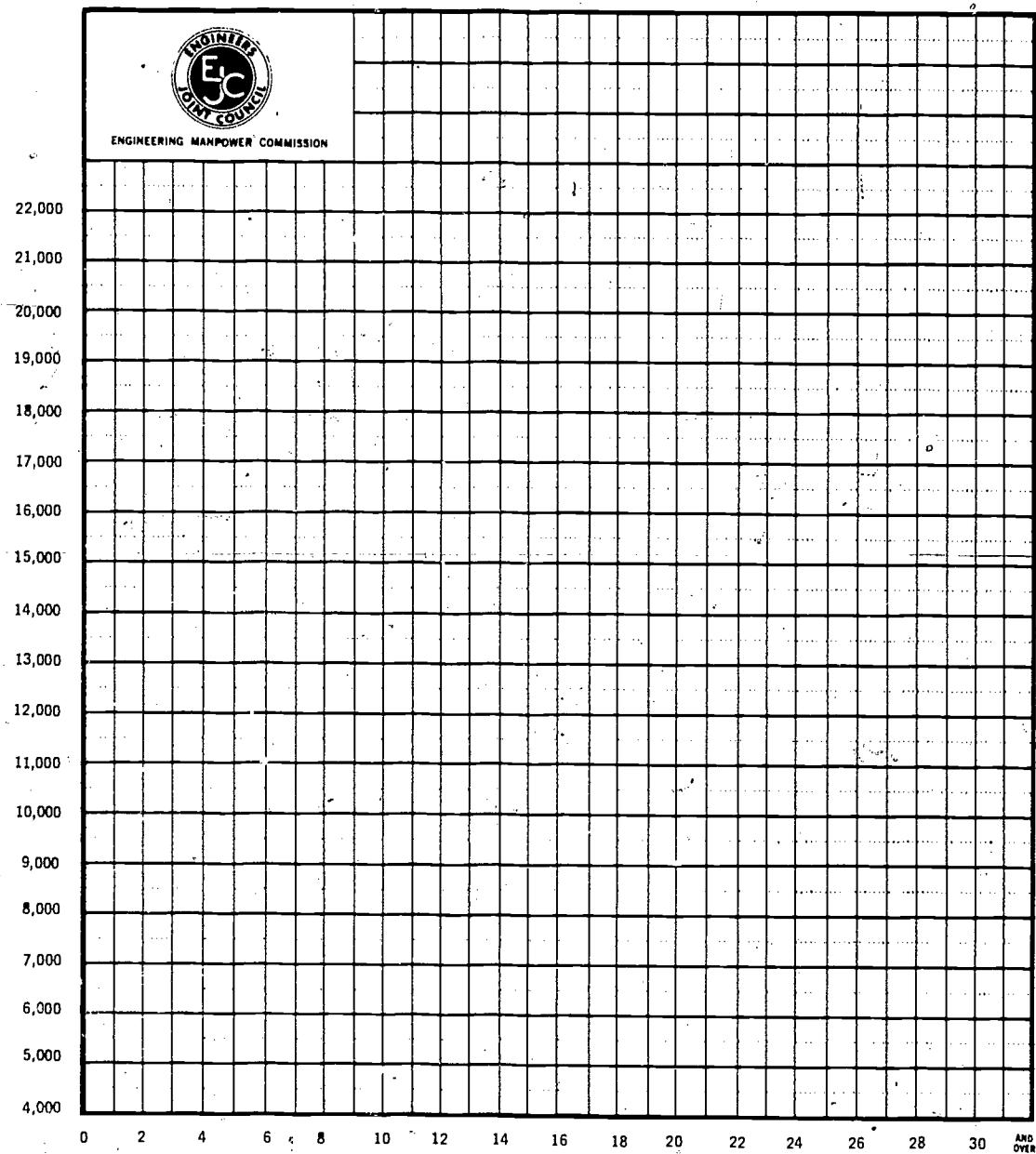
Note: Academic salaries should be reported on a 12-month basis and for the 1975-76 school year.

### Example of Completed form:

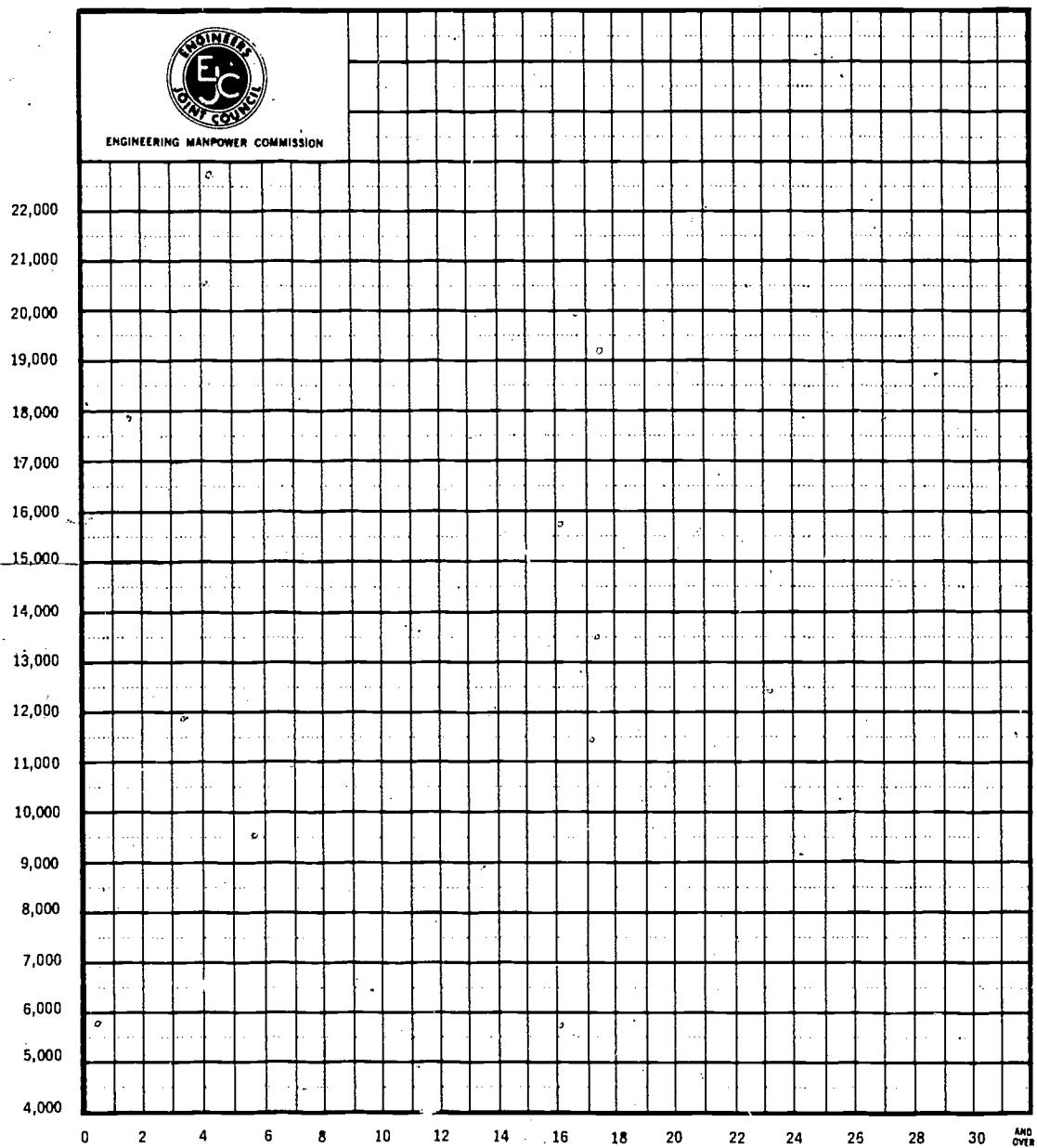
Please report the number of individuals in each appropriate block as indicated below. Use numerals, not tick marks.

ANNUAL SALARY	ASSOCIATE DEGREE GRADUATES' Indicate whether by year of degree or age												
	1975 (20)	1974 (21)	1973 (22)	1972 (23)	1971 (24)	1970 (25)	1969 (26)	1968 (27)	1967 (28)	1964-1966 (29-31)	1961-1963 (32-34)	1958-1960 (35-37)	1955-1957 (38-40)
1Q1 \$20,000 & over													
102 \$19,000-19,999													
103 \$18,000-18,999													
104 \$17,000-17,999													
105 \$16,000-16,999													
106 \$15,000-15,999													
107 \$14,500-14,999													
108 \$14,000-14,499													
109 \$13,500-13,999													
110 \$13,000-13,499													
111 \$12,500-12,999													
112 \$12,000-12,499													
113 \$11,500-11,999													
114 \$11,000-11,499													
115 \$10,500-10,999													

Annual Salary by Years  
Since Baccalaureate Degree



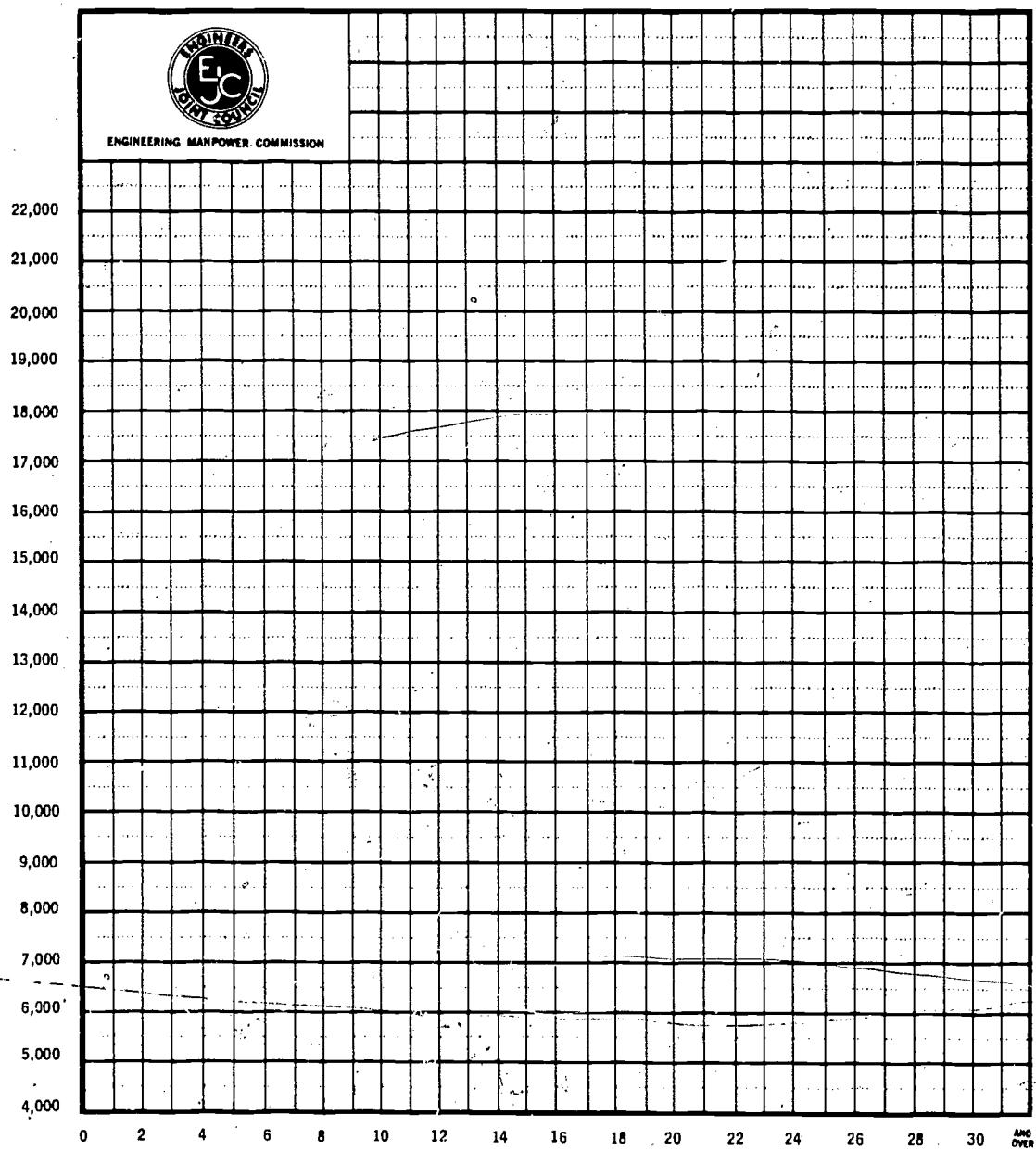
Annual Salary by Years  
Since Baccalaureate Degree



127

127

Annual Salary by Years  
Since Baccalaureate Degree



## Membership of the **ENGINEERS JOINT COUNCIL**

### **MEMBER SOCIETIES**

ASCE	American Society of Civil Engineers
AIME	American Institute of Mining, Metal- lurgical, and Petroleum Engineers
ASME	American Society of Mechanical Engineers
ASAE	American Society of Agricultural Engineers
SME	Society of Manufacturing Engineers
ISA	Instrument Society of America
ASQC	American Society for Quality Control
AIIE	American Institute of Industrial Engineers
SFPE	Society of Fire Protection Engineers
AIPE	American Institute of Plant Engineers
AACE	American Association of Cost Engineers
AIChE	American Institute of Chemical Engineers
NICE	National Institute of Ceramic Engineers
ASEE	American Society for Engineering Education

### **ASSOCIATE SOCIETIES**

APCA	Air Pollution Control Association
ASNT	American Society for Nondestructive Testing
SPHE	Society of Packaging and Handling Engineers
IMMS	International Material Management Society
SWE	Society of Women Engineers
SHOT	Society for the History of Technology
WSE	Western Society of Engineers
LES	Louisiana Engineering Society
WSE-DC	Washington Society of Engineers
ESNE	Engineering Societies of New England
LACES	Los Angeles Council of Engineers and Scientists
HEC	Hartford Engineers Club
IMMS/NJ	International Material Management Society (New Jersey Chapter)
CES	Cleveland Engineering Society
SAME	Society of American Military Engineers
SAWE	Society of Allied Weight Engineers
ACI	American Concrete Institute
DEC	Danville Engineers Club
ACEC	American Consulting Engineers Council
NACE	National Association of Corrosion Engineers
ASGE	American Society of Gas Engineers
SES	Standards Engineers Society
SESA	Society for Experimental Stress Analysis